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DRUG & CHEMICAL MARKETS

ESTABLISHED IN SEPTEMBER 1914 AS "WEEKLY DRUG MARKETS"

D. O. HAYNES & Co. Publishers No. 3 PARK PLACE NEW YORK U. S. A.

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VOL. IV.

NEW YORK, NOVEMBER 21, 1917

No. 11

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New York, N. Y.

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CONCESSIONS IN ALCOHOL REGULATIONS

Revised regulations by the Internal Revenue Bureau make it possible for druggists to purchase alcohol without referring applications to local collectors. Dealers may give individuals as sureties or deposit Liberty bonds, instead of securing the bonds of surety companies as was required in the original regulations.

The requirement that manufacturers of proprietaries shall submit their formulas to collectors of internal revenue in order to obtain non-beverage alcohol is withdrawn. If, however, the officials have reason to suspect that some particular product is of such a character that its manufacture from non-beverage alcohol should not be permitted the producer will be called upon to submit his formula to the Department.

Another concession by the Department relates to the sale of alcohol (non-beverage) without a physician's prescription in quantities not exceeding one pint. A formula for the medication is given in the news columns of DRUG AND CHEMICAL MARKETS.

These changes in the regulations were brought about by the efforts of the National Wholesale Druggists' Association with the co-operation of the Proprietary Association and the National Association of Retail Druggists. The negotiations were conducted by Francis E. Holliday, secretary of the N. W. D. A., and W. L. Crounse, Washington representative; H. B. Thompson and F. A. Blair, of the Proprietary Association, and E. C. Brokmeyer, representing the National Association of Retail Druggists.

INDUSTRIES RUINED BY ADULTERATION

India furnishes a startling illustration of the loss of prestige and of trade which follows persistent adulteration of world products. Tinnevely senna at one time held an enviable place in the markets of Europe because of its excellent quality. The middleman in India became so greedy for excessive profits that he adulterated it until it no longer met the requirements of users and the price fell and the demand ceased. The rapidly growing industry was killed, there being no inducement to raise senna at the low price.

Now the Government of India has issued a letter to all chambers of commerce in India declaring that cotton is watered, jute is watered, and ground nuts, indigo and oils are freely adulterated, and urging leading exporting firms to insist upon freedom from adulteration of any products which they buy. It may result in foreign buyers requiring certificates of purity from chambers of commerce before accepting Indian commodities for shipment.

Here is a lesson for the United States. There has been considerable trouble over numerous shipments to South America because the goods received there were not in accordance with samples. In several cases the products have been adulterated. If this country is to keep the war trade when peace again opens the markets of Europe to the Latin-Americans it will be necessary to strangle the

corrupt practices of which the American consuls in South America make frequent reports. The commercial associations can aid in this work. Publicity will help. Prosecute the swindlers promptly and withhold supplies from them. Legitimate dealers will suffer unless steps are taken soon to end the fraudulent transactions.

STAMP TAXES IN EFFECT DEC. 1

It will be well for business and professional men to remember the first of December when the Documentary Stamp Tax goes into effect. That will fall on Saturday, just ten days from the time you are reading this paragraph. These taxes must be paid by affixing stamps. Playing cards, powers of attorney, proxies, entries and withdrawals at the Custom House, deeds of conveyance, promissory notes, sales on the Board of Trade and similar places, corporate stock shares when issued or transferred, surety and indemnity bonds and debentures must be stamped.

In December, too, the blanks for the income tax under the new law will be received from Washington. A return must be made on or before March 1, 1918, and the tax paid on or before June 15. It is held that the War Excess Profits Tax applies to salaries and other income derived from professions and occupations where an individual's income is in excess of \$6,000, and no capital is employed, as well as to businesses and trades. The amount of such tax is apparently deductible from the individual's income for the same year, in ascertaining the net taxable income for income tax purposes. You may need a few lawyers before you get through, unless you have time to stand in line to get a ruling from the Collector on your individual case.

GROWTH OF FOREIGN CHEMICAL TRADE

In spite of poor shipping conditions the foreign trade of the United States in dyes and chemicals continues to grow. The acids and glycerin are in demand in European countries and all kinds of colors and extracts are wanted in South America, particularly by Brazil, Argentina, Peru, Chile and Venezuela.

In the first eight months of this year the United States received from South America nitrates valued at \$36,000,000 compared with shipments valued at \$11,000,000 during the corresponding period in 1914. South America also sent us quebracho worth \$6,000,000 against \$2,500,000 in 1914.

In exports this country is supplying alcohol, calcium carbide, petroleum jelly, paraffin and the sodas. The exports of caustic soda in September were valued at \$921,412, and paraffin \$1,493,347. Under the heading "other chemicals," the Government places a value of \$2,789,456 on the exports in September.

The potash plants in Nebraska, which are evaporating the lake waters, have been shut down temporarily by the I. W. W. and lack of coal and oil. Heavy investments have been made by manufacturers, but they are unable to obtain protection from the assaults of the labor leaders, or fuel sufficient to continue the work. Yet potash is one of the chemicals of which the Government is distressingly short.

This year the Meyer Bros. Drug Company of St. Louis celebrates the sixty-fifth anniversary of its activities. This well-known business house was founded by Christian

F. G. Meyer, who was born in Westphalia, Prussia, on December 9, 1830, and who at the age of 17, left his European home for the United States. In 1889, the business had grown to such proportions that the firm was incorporated as Meyer Bros. Drug Company, with a capital of \$1,750,000.

DRUGGISTS SHORT OF SUGAR

The sugar shortage is becoming so serious that druggists will have difficulty in filling their requirements in December. Already many pharmacists have appealed to the big sugar companies for temporary supplies. The officials of these companies are making every effort to comply, but are unable to furnish sugar in any amount at this time. There is none to be had at headquarters, and when the sources of supply can no longer produce the situation is acute.

Knowing how extensively sugar is used in the manufacture of pharmaceuticals and its necessity for syrups in compounding medicines from day to day, the companies voluntarily send salesmen to the drug stores to learn their requirements, when complaints are received, and endeavor to relieve the situation. The officials are not only working overtime in the effort to aid the druggists, but in some cases of great distress have sacrificed their personal allowance. Now, however, no sugar can be obtained unless the hoarded reserves are released and placed on the market.

The report that the Havemeyer refinery had received 10,000 tons of Cuban sugar was denied by officials of the company. A statement issued by the secretary says:

"As is well known, the Brooklyn refinery has been closed down during the last five weeks for lack of raw sugar to carry on its operations and there is not now on hand or in transit sufficient sugar to warrant operating the plant. The company has been operating its smaller plant at Jersey City at one-third to one-half its normal capacity, and at the present time it has at this plant approximately 1,100 tons of Peruvian sugars, which are being made into granulated, which sugars are to be used for supplying mainly the army and navy, Belgian Relief and the Red Cross."

INCENDIARIES DESTROY SALTPETRE WORKS

The saltpetre plant of the Bradley-Knowles Manufacturing Company, 98 to 104 Van Dyke street, Brooklyn, was destroyed early Sunday morning, Nov. 18, by a fire believed to be of incendiary origin. The plant is situated in the Red Hook Point section of the Erie Basin, and was valued at \$300,000. The company was supplying saltpetre for the United States Government. The loss is estimated at \$75,000.

A watchman who discovered the flames in the business office says he found that the heavy bars and wire screening on the windows had been torn away. It appeared that incendiaries had made their entry by that means.

Firemen and officials who arrived early on the scene expressed the theory that the fire probably had been touched off at several other points besides the office, to judge from the rapidity with which it enveloped the plant.

Within a few hundred yards around the building stand important smelting works, piers and the greatest dry dock in the country. The nearest is the smelting works of Barney Hess, which is now resmelting for the United States and her Allies 40,000,000 condemned bullets. Within a block of the burning plant was the great warehouse of the New York Dock Company, and within a half mile was the Robins' dry dock, the largest in the country.

MAY TAKE OVER FEDERAL DYESTUFFS

John W. Herbert, one of the receivers for the Federal Dyestuff and Chemical Corporation, says the stockholders will vote in a few days on the offer of Davis & Durkin, of Canada, to operate the plants of the company. He said that if the offer was not accepted it would mean that the mortgage underlying the \$2,000,000 of notes would have to be foreclosed and that it is to the interest of all security holders that the deal go through.

The note holders committee of which A. W. Krech, president of the Equitable Trust Co., is chairman has sent

an expert to the plant of the Federal Company to investigate its value, capacity and the prospect of its continuing on a profitable basis. Concerning the offer to take over the operation of the plant representatives of the committee said Saturday that the committee could not officially act nor give formal expression of opinion until the plants had been entirely inspected.

TOLUOL FROM BROOKLYN GAS

Officials of the Government and of the Brooklyn Union Gas Co. have reached an agreement for the immediate installation by the Government of apparatus at the company's plants for the reduction of toluol. It will be several months before the new plants will be in operation and the company will co-operate with the Government in their installation. The toluol plants will be operated by the Brooklyn Union Gas Co. and the terms as regards price of the product, will be determined later.

The agreement is the result of the Government's need for toluol, used in the manufacture of the high explosive T. N. T., and its desire to have gas companies make toluol. This fact was disclosed at the recent hearing before the Public Service Commission on the change in gas standard from 22 candle power to a British thermal unit standard. Under the latter standard the companies can produce toluol as a by-product.

In an editorial on the necessity for toluol, Dr. Charles H. Herty, editor of the *Journal of Industrial and Engineering Chemistry* says:

"When the Spring drives of 1918 begin, American soldiers will be participants in great numbers. If they are to prove equal in effectiveness to our British allies, if their casualty lists are to be held down to relative small number, we must provide them with the maximum possible amount of high explosives for barrage fire.

"For the new army the only quickly available source of toluol is the gas plants. A statement to that effect was made to us recently by Brigadier-General Wm. H. Crozier, the chief of the Bureau of Ordnance of the War Department. Gas plants can be equipped within three to four months, some more quickly, to remove the toluol from gas."

NEW COMMITTEE ON EXPLOSIVES

Six of the leading chemists of the United States have been called into the service of the Government to act as a special board to investigate explosives and the use of special gases in modern warfare. Secretary Lane has named the following to act as advisers to the Department of Mines:

Dr. William H. Nichols, chairman, General Chemical Co., N. Y.; Professor H. P. Talbot, Head of the Chemical Department of the Massachusetts Institute of Technology; William Hoskins, Chicago, Consulting Chemist; Professor H. P. Venable, University of North Carolina; E. C. Franklin, Leland-Stanford University; Dr. Charles L. Parsons, Bureau of Mines.

The board will act as an advisory committee in advising the Bureau of Mines with regard to the operation of the recently enacted law regulating the sale of explosives. Methods of increasing the production of materials used in the manufacture of explosives will also be considered.

NEW FOUGERA CASE ARGUED

Argument was heard on Saturday by a specially selected court in the U. S. District Court of Appeals on the application of E. Fougere & Co., wholesale druggists, of this city, for an injunction to restrain New York State Attorney General Lewis and District Attorney Swann of New York County from enforcing Chapter 487 of the laws of 1917 of New York State, purporting to prohibit advertisements relating to remedies for venereal diseases.

The complainant declares the statute a violation of the United States Constitutional rights, on which various points are presented in an exhaustive brief; as follows: That it constitutes a burden upon foreign and interstate commerce, in conflict with section 8 of the Constitution, and that it nullifies the Fourteenth Amendment in depriving the complainant of liberty and in the confiscation of property without due process of law.

IODINE PRICES JUMP SUDDENLY

London Syndicate in Control of Supplies—Gives no Reason—Production is a Monopoly Owing to its Limited Source—All Salts Advanced.

A combination of circumstances has resulted in the price of iodine being increased 25%. This announcement, made by the London syndicate, has forced American manufacturers to raise their prices in proportion. Iodine resublimed, is now quoted at \$4.25 per pound in bulk, an advance of 75c per pound over the former price.

Potassium iodide is now \$3.75 per pound, an increase of 85c; sodium iodide is quoted at \$3.90. All other iodides and iodine preparations have been advanced in proportion.

The New York market price of iodine, \$3.50, ruling until the advance of last week, was fixed by manufacturers in this country last February. The American agents of the iodine syndicate have not been informed by their principals as to the exact reason for this advance in price, but authorities in the trade have hazarded various views. Lack of transportation facilities from the source of supply to the market, labor difficulties, rapidly increasing demand for war purposes in the face of a possible shortage, small spot stocks in London, and other less probable reasons have been advanced.

Iodine is obtained in the crude form, as sodium iodate, as a by-product in the mining and refining of Chile salt-petre (nitrate of soda). The sodium iodate is separated from the nitrate by fractional crystallization and, upon reduction, gives crude iodine, in which form a large part of it is shipped to this country and abroad, being further refined by resublimation. South America practically supplies the world with iodine with the exception perhaps of a comparatively small quantity of the Japanese product manufactured from kelp. Many ships during the past few months have been diverted from the South American trade to New York-European routes for carrying war materials. This has resulted in a shortage of bottoms to carry South American products abroad and to this market.

Of late, the United States Government has been in the market for large quantities of iodine for use in the army hospitals and this demand, in addition to an increased call for it in Europe, has stiffened the market considerably. Stocks of the resublimed crystals here and in London are reported to be rather low and with the number of vessels engaged in the South American trade becoming fewer every week, the outlook for larger stocks to meet the demand is not encouraging.

Reports of labor troubles at the nitrate mines as a result of German intrigue may be responsible to a certain extent for present conditions but it is generally believed that this influence is greatly overestimated. As far as it is possible to secure information, the production of both iodine and nitrate is being pushed to the limit, and, in view of the exceptionally heavy demand for these products, the stocks on hand at the source are said to be adequate for all needs.

The prices ruling at present on a few of the more important iodine preparations, as compared with former quotations follow:

	Price was	Price now is
Ammonium iodide	lb. \$3.50	\$4.20
Bismuth subiodide	lb. 4.75	5.30
Iodine, resublimed	lb. 3.50	4.25
Iodoform	lb. 4.25	5.00
Potassium iodide	lb. 2.90	3.75
Sodium iodide	lb. 3.00	3.90
Thymol iodide	lb. 16.00	16.60

The price quoted in every case is for bulk goods as purchased direct from the manufacturer. All containers for smaller sizes extra.

PHILADELPHIA'S ANXIETY RELIEVED

A British schooner arrived at Philadelphia, last week, with 700 tons of palm nuts. These nuts are used in the manufacture of soaps and oils, and it is said that the supply will insure a sufficient quantity of soap to keep Philadelphia's population clean for some time to come. The nuts came from Logos, Africa.

NON-BEVERAGE SPIRITS RULES REVISED

National Wholesale Druggists' Association, with the Co-Operation of the Proprietary Association and National Association of Retail Druggists, Obtains Certain Concessions.

The National Wholesale Druggists' Association continues its practical service to the trade by issuing another eight-page bulletin giving the revised regulations relative to the sale and use of non-beverage spirits. Secretary F. E. Holliday has been in conference with officials of the Department of Internal Revenue at Washington and has obtained many concessions which he announces as follows:

Important concessions have been secured from the Internal Revenue Bureau in the regulations relative to the sale and use of distilled spirits for other than beverage purposes recently promulgated as Treasury Decision 2559 which was published in our bulletin of November 2, 1917. The original regulations were objectionable to the trade on numerous grounds, but especially because they required all applications for alcohol to be approved by collectors of internal revenue, which, in many districts, would involve many days' delay and much unnecessary correspondence; because the requirement that bonds of surety companies must be given by all persons handling non-beverage alcohol involved an unnecessarily heavy expense, and because of the stipulation that manufacturers of proprietary preparations must submit their formulae to collectors as a basis of permits to use non-beverage spirits. The dissatisfaction of the trade with the original regulations was so general that the matter was taken up with the Internal Revenue Bureau authorities by the Association's Washington representative, Mr. W. L. Crounse, in conjunction with Messrs. H. B. Thompson and F. A. Blair, of the Proprietary Association and E. C. Brokmeyer, representing the National Association of Retail Druggists, and as the result of an extended series of conferences Treasury Decision 2559 has been comprehensively modified and practically all its objectionable features withdrawn.

As revised, the purchase of alcohol can be made without referring applications to local collectors, the new system authorized resembling that in use for the procurement of narcotic drugs under the Harrison Act. Dealers may present the bonds of surety companies, or are permitted to substitute individual sureties, or deposit Liberty Bonds, the Bureau now being authorized to accept any one of the three mentioned. The last named method is likely to appeal to small dealers whose transactions in alcohol are limited to small quantities. Inasmuch as bonding companies in many districts will not write bonds for less than \$1,000 at the rate of 1 per cent. entailing a premium of \$10, it is obvious that a dealer who requires a bond of but \$100 or so will be enabled to make a handsome net saving by depositing the amount in Liberty Bonds.

We are informed that several of the surety companies are now offering bonds at the rate of \$5 per thousand, with a minimum charge of \$5, or at the rate of one-half of one per cent. per thousand, in amounts equal to or exceeding that sum.

The requirement that manufacturers of proprietary preparations shall submit their formulae to collectors of internal revenue in order to secure non-beverage alcohol is withdrawn in view of the very general protest against this provision of the regulations and it is provided that this information need not be disclosed except in the event that the officials have reason to suspect that some particular product is of such a character that its manufacture from non-beverage alcohol should not be permitted. In such an event the producer will be called upon to submit his formula to the Department, but will be permitted to do so in such manner as to prevent its disclosure by careless or unscrupulous subordinate officials.

SALE OF ALCOHOL BY PHARMACISTS

Regulations issued by the Internal Revenue Department last week permit pharmacists to sell small quantities of non-beverage alcohol without a physician's prescription to persons who do not hold a permit. The text follows:

Hereafter, pharmacists who hold permits and have given bond will be permitted to sell non-beverage alcohol with-

out a physician's prescription to persons who do not hold permits and who have not given bonds, in quantities not exceeding one pint, but not in advance of orders, provided they first medicate the same in accordance with any one of the formulae recited below:

1. Carbolic acid 1 part, alcohol 99 parts.
2. Formaldehyde 1 part, alcohol 250 parts.
3. Bichloride of mercury 1 part, alcohol 2,000 parts.
4. Bichloride of mercury 0.8 gram, hydrochloric acid 60 c. c., alcohol 640 s. c. c., water 300 c. c.
5. Bichloride of mercury 1½ grains, hydrochloric acid 2 drams, alcohol 4 ounces.
6. Formaldehyde 2 parts, glycerin 2 parts, alcohol 96 parts.
7. Carbolic acid 1 dram, tannic acid 1 dram, alcohol 1 pint, water 1 pint.
8. Alum ½ ounce, formaldehyde 2 drams, camphor 1 ounce, alcohol and water, each 1 pint.
9. Lysol 1 part, alcohol 99 parts.
10. Liquor cresolis, comp. 10 c. c., alcohol 1,000 c. c.

The container of such alcohol will bear a "poison" label. Any abuse of these privileges will result in recall of the pharmacist's permit and its cancellation.

Permits will not be issued to retail liquor dealers, except pharmacists, and such other retail dealers as do not sell beverage spirits.

It will be understood that a pharmacist is in no sense a denaturer of alcohol, nor are the agents prescribed above regarded as satisfactory for the denaturation of alcohol in bulk quantities. Persons permitted to denature alcohol in bulk quantities are proprietors of distilleries having denatured bonded warehouses on their distillery premises, proprietors of central denaturing bonded warehouses, and proprietors of industrial distilleries. All persons purchasing non-beverage alcohol for use in manufacturing processes must obtain permit.

Alcohol brought to the United States from Porto Rico may be removed free of tax for denaturation. Such alcohol of not less than 180 degrees proof may be transferred to any central denaturing bonded warehouse, free of tax, upon the filing of a bond with the Collector of Internal Revenue of the district in which such warehouse is located.

USE OF ALCOHOL IN FLAVORS

The Commissioner of Internal Revenue has issued the following synopsis of decisions relating to syrups, extracts, alcohol used in manufacturing flavors and beverages sold at fountains:

Soft drinks—(1) Section 313, paragraph (a), does not impose a tax upon syrups or extracts intended for use by the maker for further manufacturing purposes.

(2) Is the use of flavoring extracts containing some alcohol in syrups which are to be used in the manufacture of soda water, etc., prohibited?

There is no provision against using flavoring extracts which contain some alcohol to flavor syrups that are to be used in manufacturing soft drinks.

(3) Are carbonated beverages which are mixed and sold at fountains subject to the tax imposed under subdivision (b), section 313, of the act of October 3, 1917?

(a) There is no exemption in favor of products mixed and sold at fountains; (b) the manufacturer of soft drinks who purchases his carbonic-acid gas must pay 5 cents per pound upon the amount of gas he buys (sec. 315); (c) the manufacturer of soft drinks who makes his own gas must pay 1 per cent. per gallon upon all soft drinks sold (sec. 313 (b)); (d) the manufacturer of syrups or extracts must pay from 5 cents to 20 cents per gallon upon all sales of syrups or extracts which are intended for use in the manufacture of soft drinks (sec. 313 (a)).

(4) Carbonic-acid gas used in drawing beer from a container is not taxable under section 315.

(5) Extracts to be used for household purposes are not taxable.

(6) Where concentrates or extracts are sold to be further manufactured into flavoring extracts or syrups, the person completing the manufacture is subject to the tax. Where concentrates or extracts are sold to the bottler or the manufacturer of the soft drinks, the manufacturer of the concentrates or extracts is subject to the tax.

DYESTUFFS PLAN HEARTILY ENDORSED

Manufacturers and Dealers Send Encouraging Letters to H. Gardner McKerrow—Large Attendance at January Meeting Indicated—Standardization of Colors Approved.

Lively interest continues to be manifested by dealers and manufacturers of colors and dyestuffs in the meeting to be held in New York City during the week of January 21. Favorable responses to the additional letters that were recently sent out by Mr. McKerrow are being received in every mail and present indications are that the meeting will be largely attended. Day by day tentative plans for the meeting are taking definite shape and within a short time those who have expressed their intention of being present at the meeting will be advised of developments by letter and through the columns of DRUG AND CHEMICAL MARKETS.

The endeavor is being made to secure the use of the Chemists Club, at 35 East 41st street, New York, and this in all probability will be the place of meeting, but on account of various other gatherings that are scheduled at the club during the early part of January, it is not known at this writing on just what days during the week of January 21st the hall will be available. It is proposed to begin the opening session on Tuesday, January 22, and in the event that all the business could not be disposed of in two days, the last session will be held on Thursday, January 24th. A week or ten days before the meeting a final letter will be issued giving full details.

Among replies that have been received this week are the following:

Madero Bros., Inc., New York City—"We have your kind communication and would be very pleased to attend a meeting at any time that you may care to arrange. We consider it a very good idea to get all the dyestuff manufacturers in this country together, even if this particular purpose could not be obtained."

Dunker & Perkins, Boston, Mass.—"In reply to your letter relating to the movement on foot toward standardization of our American Colors, beg to say that we are only too pleased to put ourselves on record as being heartily in accord with any movement tending to improve the present conditions of the dyestuffs industry. We would therefore be very glad to have you keep us informed as to dates set for any meeting, which we would be very pleased to attend."

Frank L. Young Co., Boston, Mass.—"We would be glad to join in any movement for the benefit of the trade. Kindly let us know further about the proposed meeting, and we will be glad to co-operate with you."

Dudley D. Gessler, Philadelphia, Pa.—"We would be interested in anything that would tend to standardize American colors and to promote the American dyestuffs industry. You have our best wishes for success, and anything the writer can do to further its purpose he will take pleasure in doing."

Holliday-Kemp Co., Inc., New York City—"In reply to your favor we beg to say that the date you set for the proposed meeting in January will be satisfactory to us and we will endeavor to have a representative present."

John D. Lewis, Providence, R. I.—"Should be pleased to attend your proposed meeting of manufacturers of dyestuffs and the week of January 21st is acceptable to me."

DELAY IN FERTILIZER SHIPMENTS

The Soil Improvement Committee of the National Fertilizer Association has issued a pamphlet on the condition of the fertilizer market due to war effects, as follows:

"The railway transportation situation remains as acute as at any time during the past year. There is still a big car shortage and no relief in sight. Troop movements and war supplies must have first call on such equipment as is available. Most of the phosphate rock from Florida to be used in the North must move through the Potomac gateway, which is now so congested as to make shipments

most uncertain and erratic. Two million tons of phosphate rock must be moved by one means or another, if the normal demands are to be met.

"The farmer can materially relieve the situation by placing his order for spring fertilizers now. This enables the dealer to assemble orders and ship in full carloads."

SUBSTITUTE FOR SALVARSAN DISCOVERED

Dr. Simon Flexner, head of the Rockefeller Institute, New York, told the National Academy of Science in convention in Philadelphia, that the Rockefeller Institute had discovered an improved substitute for salvarsan. The new chemical agent, he said, is still unnamed. Soon, he added, it would be given the medical profession free.

"The new chemical has many advantages over salvarsan," said Dr. Flexner, "Where salvarsan costs \$3.50 a dose, the improved substitute costs about five cents a dose."

The new drug has been perfected and is ready for immediate manufacture. It is soluble in water and may be injected into the veins the same as salvarsan.

IMPORTS & EXPORTS OF COLORS & CHEMICALS

The Monthly Summary of Foreign Commerce of the United States, for August, 1917, issued by the Department of Commerce, contains some very interesting facts concerning importations and values of colors, dyestuffs and chemicals. The following figures give the quantity and value of imports for August, 1917, as compared with those of the corresponding month of 1916.

Article	August, 1917		August, 1916	
	Quantity	Value	Quantity	Value
Oxalic acid	538	\$ 45	119,009	\$ 58,365
Muriate of Ammonia	128,577	12,651	178,012	13,248
Arsenic	833,882	29,334	93,004	7,133
Carbolic acid				
(Dutiable and Free)	132,704	9,709	114,977	8,403
Alizarin dyes			24	6
Aniline salts				
Indigo, natural	137,254	246,023		
synthetic	158,580	114,591		
Quebracho	1,909,754	165,484	56,147	5,469
All other tanning extracts	135,294	10,645	42,923	2,628
Crude glycerin	133,288	51,044	563,812	179,519
Iodine	23,996	50,602	334,327	927,328
Bleaching powder	40,000	140	45,682	2,309
Citrate of lime	445,331	86,882	475,920	104,915
Magnesite	762,376	12,583	766,144	13,598
Opium	12,093	125,579	11,708	40,698
Carbonate of potash	215,125	39,609	813,976	38,357
Cyanide of potash	2,305	773	1,000	180
Nitrate of potash	1,255,480	125,863	1,331,463	146,469
Cyanide of soda	3,360	2,372	30,576	5,902
Nitrate of soda	159,634	5,651,096	95,806	3,146,369
Brimstone	30	609	6,180	110,607
Sumac	773,640	19,782	635,395	17,750
Logwood	5,547	134,376	22,358	848,900
All other dyewoods	1,885	45,405	736	17,577
Sulphate of ammonia	278	26,355	524	37,238
Muriate of potash	173	48,825		
Sulphate of potash	8	1,587		
Sulphur oil	490,451	61,488	1,014,562	90,658
Cottonseed oil	688,290	66,082	1,077,485	64,600
Linseed oil	184	219	3,052	1,816
Sulphur ore	118,575	556,962	82,735	408,411
Mangrove bark	118	5,040	375	8,094
Quebracho wood	1,273	21,618	38	576
Zinc dust	135,714	15,762	92,948	16,910

It is interesting to note that the importations of colors and dyes from Germany during the month of August, 1917, amounted in value to \$3,048. No quantity is given. There were no importations from Germany during the corresponding month of 1916.

Exportations during the month of August, 1917, are as follows compared with the exports of August, 1916:

Article	August, 1917		August, 1916	
	Quantity	Value	Quantity	Value
Carbolic acid	852,765	\$459,186		
Nitric acid	9,300	1,202		
Picric acid	2,926,143	1,859,719		
Sulphuric acid	7,535,145	11,889	2,017,454	\$36,952
Wood alcohol	107,412	123,958	33,486	22,818
Calcium carbide	3,029,578	93,853	4,238,326	123,487
Benzol	1,669,664	159,966		
Copper sulphate	420,833	40,020	448,821	48,336
Aniline dyes		304,763		
Logwood extract		132,082		

DRUG AND CHEMICAL NOTES

The next Amsterdam bark auction is scheduled for December 14.

Efforts made by well-known firms to obtain quinine sulphate in London recently failed.

Essential oils valued at \$63,897 cleared from New York during September for various foreign countries.

Exports of aloes from the Union of South Africa from January 1 to July 31, were 244,653 pounds, against 715,825 in the corresponding period last year.

Exports of buchu leaves from the Union of South Africa during the seven months ended July 31, amounted to 119,007 pounds, against 108,490 in the same time last year.

Landings of shellac at London, from Oct. 1 to 27, amounted to only 280 cases, while the deliveries were 2,358, showing a further noteworthy decrease in the stock there.

A. E. Holden, European representative of Fairchild Brothers & Foster, New York and London, died on Oct. 20, in London, at the age of 57. He had been in charge of the London office of the firm for 21 years.

Drugs and chemicals have become so scarce in Germany and prices so prohibitive that the pharmaceutical papers have ceased to publish market reports. Substitutes are being used for drugs and chemicals wherever possible.

The Diamantine Chemical Company of Monessen, Pa., manufacturers of tonics for face, gums, etc., has been incorporated under the laws of Delaware with a capital stock of \$100,000.

The manufacturers of tanning extracts have formed an association which will affiliate with the Tanners' Council and be known as the National Tanning Extract Manufacturers' Association.

A. H. Higbie is now in charge of the drug, medicinal, chemical and pharmaceutical departments of Frederick H. Cone, who in a few weeks will move to new quarters at Burling Slip and Front street.

The country's imports of vegetable oils for August show material gains in cocoanut, rapeseed and soya bean oils and declines in China wood, olive oil and olive oil foots, palm and peanut oils, as compared with July.

The perfumery business of the Straits Settlements is an affair of about £100,000 and latterly British perfumes and cosmetics have accounted for an approximate one-third and Japanese articles for about one-quarter. Imports from France last year ran to £32,000, or eight times the pre-war value.

The Occidental Chemical Co. of Oakland, Cal., has been incorporated with a capital stock of \$350,000. The concern was formerly the California Chemical Company of Santa Barbara County, which produces potash from kelp. The directors of the corporation are: F. A. Williamson, George H. Morse, C. C. Watts, H. H. Collor and H. G. Tardy. The company was reorganized and the capital increased in order to cope with a larger volume of business.

Judge Mayer, in the United States District Court, has given permission to ex-Governor Benjamin B. Odell and former Judge George C. Holt, as receivers for the Aetna Explosives Co., Inc., to accept an order from the United States Navy for 18,000,000 pounds of T. N. T. The order is valued at approximately \$10,000,000. Deliveries begin with 1,000,000 pounds in December, 1,500,000 pounds each in January, February and March, and 2,500,000 pounds each in April, May, June, July and August.

The London *Chemist and Druggist* says of acetic acid: "The Government's action in regard to acetic acid has given rise to severe criticism among the regular dealers, as they have prohibited importers from bringing in further supplies. It would be curious to know whether the Government intend making their own arrangements. Under present conditions all fresh business is stopped, so that eventually there will be an acute scarcity, with no limit to the price asked by spot holders."

The United States Geological Survey has just issued a report attesting the values uncovered in the magnesite fields of Stevens County, Wash. The report follows an extensive investigation of the district by Government experts during the past two months. The report says in part: The crude material in Stevens County is abundant and of good quality, and the new industry in Washington, if properly managed, should supply a large part of the demand in the United States. On September 30, the shipments from Stevens County were about 700 tons daily.

"Owing to the low price of mandrake root," says the Charlotte Drug Co., "collections have been very small. Reports from dealers state that they generally accumulated two to three carloads during the season and that they will not even have a carload to offer this year. Those that have followed the article closely are holding their small stocks at eight cents per pound and will not sell until they get that price. We have advanced our price to nine cents per pound and will hold until we get that price or more, as our stocks are very limited."

Paris advices under date of Oct. 23, say of the French essential oil situation: "Essence bois de rose cayenne is very firm at 42 francs. A cable has reached Paris from the Isle of Reunion quoting 50 francs, war risks included, on geranium oil 'Bourbon,' and sellers are asking 55 francs to 56 francs, free Marseilles, packing in drums 250 to 300 kilos. Owing to lack of freight, the big importers are asking 40 francs per kilo for Mexican linaloe oil and higher prices are expected. Vetiver Bourbon is dearer at 115 francs, owing to few arrivals."

COL. NUTT NOW CHIEF OF REVENUE AGENTS

Colonel L. G. Nutt, formerly in charge of the revenue agents of the New York district, has been appointed Chief of Revenue Agents of the United States. Colonel Nutt succeeds B. B. Bouldin, who has undertaken a branch of special work under the jurisdiction of the Treasury Department.

By his aggressive policy in tracking down and securing convictions of violators of the Harrison Law in the New York district, Colonel Nutt won a wide reputation. Some of the recent important arrests and convictions have been brought about by his personal investigations. His last case of importance resulted in the arrest of Dr. Hoyt, the New York physician, reputed to have sold illegally over \$100,000 worth of narcotic drugs a year.

D. J. Gantt, formerly in charge of the Cincinnati district, succeeds Colonel Nutt as chief of the New York office.

SOYA BEAN OIL INDUSTRY

The Manchuria *Daily News*, dated September 4, says of soya bean oil: The Dairen Oil and Fat Industry Company is now exporting nearly the whole of the hardened oil it puts out to the United States, where it seems to have an unlimited demand and offers a market quite negotiable even at the stiff quotations on bean oil as obtain at Dairen. It is supposed that the hardening of oil is still in comparative infancy in the United States, the total outputs being meagre for the vast size of the country. There is a sign that American importers deem it more paying to get hardened oil than to import bean oil and then subject it to hardening process. In transit, too, hardened oil precludes risk of leakage, and above all labor is far cheaper in South Manchuria. The only source of annoyance is in the dearth of tin plate used in packing hardened oil. One can be said to cost Y1.70. Besides, supply is scarce and barrels are being used as substitutes. Then the ship's freight stands at about Y42 per ton.

DRUG FIRM'S LABELS COUNTERFEITED

Revenue Agents Discover Plant for Re-Bottling Narcotics Stolen Here and Using Printed English Labels—Adulterated with Sugar of Milk.

While engaged in tracking down a gang of drug peddlers in New York, an agent of the United States Department of Internal Revenue accidentally stumbled upon evidence which reveals the ingenious method used by peddlers in deceiving addicts and securing exorbitant prices for the forbidden drug which they sell. Narcotics which come into the hands of unlicensed distributors in this country, and which are secured by theft, smuggling or illegal purchase, are diluted with about 50% of milk sugar. The drug is then rebottled, relabelled and sold to the habitue as the pure article. In the raid in New York the officers of the revenue department discovered an outfit for diluting and rebottling heroin.

Among the articles found by the raiders were hundreds of small bottles, large quantities of sugar of milk, bottles of morphine and heroin, and thousands of counterfeit labels and trademarks. J. F. MacFarlan & Company of London and Edinburgh, probably the most widely known manufacturer of narcotics in Europe, seem to be the most popular with the drug peddlers and addicts in New York. In one small box there were found thousands of clumsy counterfeits of the MacFarlan label, even to the thistle plant trade-mark used on the stopper of the bottle. In most cases, no matter who the manufacturer of the original material, domestic or foreign, the diluted drug was relabelled as a MacFarlan product and offered to the addict as such. The rebottled drug was wrapped in wax paper and labelled with great care so as to resemble as nearly as possible the original package. In this manner, the peddler not only secured a double price for all his "dope" but, because of the label, was able to find a ready market at a higher price than that paid for unlabelled goods. The habitue was furthermore deceived by the appearance of the goods having been smuggled into the country, and, because of the label, felt that he was purchasing the best in its original package.

For some time past agents of the revenue department have been apprehending supplies of morphine and heroin bearing the MacFarlan label, but until recently they were not aware that the trade-mark and label were counterfeit. It was supposed that these goods had been smuggled into the United States by way of Mexico and Canada. The discovery of the box of labels with cuts for printing has opened the way of investigation in a new direction.

Agents of the revenue department explain the use of the MacFarlan label by the fact that this concern is in Europe and would not be as liable to run across the fraudulent use of their name as quickly as one of the domestic manufacturers. This counterfeiting plan was tried not very long ago on the label of Merck & Company, but the fraud was soon discovered when an agent of the revenue department presented a confiscated bottle of heroin for identification at the office of the company.

The MacFarlan label has become fairly well known among local drug peddlers and addicts, it is explained, through quantities of goods bearing this label which have been smuggled into the United States across the Canadian and Mexican borders.

MacFarlan & Company have been notified of the fraudulent use of their label and the authorities here are awaiting their reply.

TRADE MARKS UNDER EXCESS PROFITS LAW

The United States Trade Mark Association, of 32 Nassau street, New York, which has on its advisory committee Alexander W. Murray, of the United Drug Co., Geo. E. Long of the Joseph Dixon Crucible Co. and E. K. Hyde of the Mentholatum Co., is sending a questionnaire to the trade with a view to getting the opinion of business men on a plan to have trade marks and goodwill included in computing invested capital under the law assessing excess profits. Here are the questions:

1. Do you carry on your books an account under "Trade Marks," "Goodwill" or other similar heading, and if so, under what heading?

2. If so, how do you determine charges to be made against this account?

3. Do you charge your disbursements in connection with the advertising of your trade marked goods wholly to current expenses of the business, or do you capitalize any part of such expenditure as an asset, and if so, under what heading?

4. Do you include in your annual inventory or financial statement, trade marks or goodwill as an asset, and if so, how do you reach the figures at which they are so included?

5. Do you believe that trade marks and goodwill should be included at a fair valuation in arriving at the actual invested capital under this provision of the law, whether they came to you by purchase or were made valuable by your efforts?

6. Have you any suggestions to make as to the methods to be employed in arriving at the amount of actual capital invested in trade marks, or goodwill, not acquired by purchase?

TRADE WITH RUSSIA SINCE THE WAR

Recent events in Russia lend interest to a statement compiled by The National City Bank of New York, showing the trade of Russia with the United States, and with her nearer neighbors in Europe. The figures show that despite the rapid growth of our trade with Russia prior to the war we supplied less than 10% of her imports, and took only about 1% of her exports. Of Russian exports in 1913, aggregating \$760,000,000, over one-third went to Germany, and of her imports of that year, aggregating \$687,000,000, practically one-half were drawn from Germany. Great Britain ranked next to Germany as a market for Russian merchandise.

Imports into the United States from Russia for three years were as follows; so far as drugs and chemicals are concerned:

	1914 Dollars	1915 Dollars	1916 Dollars
Asbestos, unmanufactured.....	24,844	2,895	—
Bristles	19,222	69,568	354,199
Fusel oil.....	347,103	—	—
Glycerine, crude.....	240,263	81,294	—
Licorice root.....	404,017	—	—
Other drugs and chemicals.....	56,513	11,097	463,784

Drug and chemical exports from the United States to Russia for three years follow:

	1914 Dollars	1915 Dollars	1916 Dollars
Chem., Drugs, etc; bark extract..	7,884	51,092	44,255
Medicines, patent.....	20,741	113,666	91,710
Petroleum jelly.....	47,530	118,185	176,410
All other.....	16,432	814,460	2,920,609

The imports from Russia since the beginning of the war have fallen to an extremely low point, having been in 1913, the year preceding the war, \$29,000,000, in 1914, \$23,320,000 in 1915 \$3,394,000 in 1916 \$5,917,000 and in 1917 \$9,484,000.

The total exports from the United States to Russia have grown from \$10,000,000 in the fiscal year 1900 to \$18,000,000 in 1910, \$23,000,000 in 1912, \$26,000,000 in 1913 and \$31,000,000 in the fiscal year of 1914, all of which preceded the beginning of the war. In 1915 the exports to Russia jumped to \$61,000,000, in 1916 \$310,000,000, and in the fiscal year 1917 just ended \$558,584,000. This increase since 1914, while largely war material, includes also railway supplies and material.

SEEK MONOPOLY IN ESSENTIAL OILS

At a meeting of the Catania lemon and orange growers and essence manufacturers, held at the Chamber of Commerce, Catania, Italy, it was moved that the Government be induced to establish a monopoly to control the sale of essential oils on the plan of the body controlling the production and distribution of citrate of lime; and that the price of citrate of lime be augmented to correspond to the price of citric acid in the principal markets of the world.

This district has virtually a monopoly of the world's output of citrate of lime. There were \$2,012,298 worth of citrate of lime, \$872,224 of essential oils and \$1,011,784 of lemons invoiced at the Catania consulate for export to the United States during 1916.

POTASH FROM NEBRASKA LAKES

Students in Chemistry Made Important Discovery and Lay Foundation for Fortune

W. M. Maupin, director of the Nebraska Department of Publicity, who has just made a flying trip to New York on business connected with his department, gave the following account of the discovery of potash in the alkali lakes of the northwestern part of the state:

"The potash industry is one of the most remarkable features of Nebraska. Three years ago not a pound of potash was produced in the State. To-day it is being produced at the rate of more than 400 tons a day and the output is increasing. The source of supply is the once despised alkali lakes of northwestern Nebraska. For years on end these bitter water lakes were the bane of the cattlemen, and that was a cattle country. The cattle would not drink the water, and in times of heavy storms would drift into the lakes and perish. When the war broke out and the supply of potash suddenly was cut off three young University of Nebraska graduates recalled those alkali lakes. They had seen them during their summer vacations when they were working with railroad surveying crews. After graduation these young fellows obtained work as chemists in South Omaha packing houses.

"Realizing that potash was absolutely necessary to the packers, two of the boys determined to investigate the alkali lakes, while the third held on to his job and earned the money to keep all three going. After many discouragements they discovered that the bitter waters were heavily impregnated with potash. They devised a method of extraction and then tried to interest capital. After many discouragements they finally sold \$18,000 worth of stock and erected a small reduction plant at Hoffland, away up in the sandhills. That was just two years ago. To-day the plant represents an investment of \$375,000, paid from the profits of the business, and the stockholders are rejoicing over dividends of from 40 to 60 per cent. a month. There are now four big reduction plants in operation, three more building and a score or more being organized.

POTASH FROM FLUE DUST

Potash from the furnace flue dust of cement kilns is yielding large returns to a firm in California. The engineers were able to collect eight to eleven tons of dust per day of twenty-four hours per kiln; this, with an efficiency in the dust collectors of about 95 per cent; but since the date of operation the efficiency of the collectors has been increased to 98½ per cent.

The dust is collected by forcing the flue gases containing cement dust into treaters, where it is forced into contact with the electrodes, and the dust is taken out of the gases by a static current of electricity of about 46,000 volts. This current is of slight quantity, although of high voltage. To operate the treaters of ten kilns does not cost over \$10 per day for current, or the total cost for the mechanical operation of ten kilns a day totals \$25, the dust "catch" amounting to 100 tons a day of twenty-four hours.

According to reports, one firm interested in this work produced 390 tons of K_2O in six months, and the net profit on its sale was about \$110,000. This K_2O is selling for \$400 to \$450 per ton.

SEARLES LAKE POTASH PRODUCTION

There are two companies now operating in the Searles Lake basin, the American Trona Company and the American Borax Company. It is probable that the Government will lease the land to one or both of these companies. The Trona Company has already expended several hundred thousand dollars on development work and in the construction of experimental plants and a railroad, but owing to the fact that it has been involved in litigation over title to the lands only a comparatively small amount of potash has been produced.

The normal consumption of potash in this country is about 230,000 tons per annum. To produce 100 tons a day at Searles Lake would require a plant costing over \$1,000,000. It is stated that the Trona Company stands

ready to make an investment of between \$4,000,000 and \$5,000,000 should it secure a satisfactory lease from the Government.

POTASH FROM BRACKEN

The Board of Agriculture for Scotland has issued a pamphlet directing attention to bracken as a source of potash, giving instructions for cutting, drying, stacking and burning the plant in addition to methods of bagging the ash, properties, yield and means of utilization of the ash as a fertilizer. The booklet states that bracken, which is large fern of the brake variety, when incinerated properly should give an ash whose water soluble potash content runs from 30% to 40%. The potash is present as chloride, sulphate and carbonate.

The yield averages a ton of ash for every four or five acres of bracken, and with the present prices of potash, the ash from the incineration of bracken should be worth £25 (\$120) per ton. It is the opinion, however, of Scotch and English authorities that, as a practical commercial process, bracken cannot compete with the new process for the removal of potash from feldspar.

CONSERVING ORDERS FOR DRUGS

To the suggestion of the President that we cut out waste and save, every wise man says "Amen." And forthwith, while that "Amen" is still warm in their mouth, some men proceed to waste for others what they would not waste for themselves, says *Drug Topics*, published by McKesson & Robbins.

What they save directly, they lose indirectly, for he who wastes, must in the end pay for that waste. The buck you pass to another, comes back.

Chickens return home to roost.

To illustrate: Four times a week you order \$2.50 worth of merchandise from your wholesaler. Four times a week, a man, a horse and a truck, all consumers of money and of time which is money, back up to your door with that little package.

By thinking ahead, those four \$2.50 orders a week could be bunched into one \$10 order a week and three of those four trips saved. No inconvenience would be caused to you by this. A thousand dealers—requiring four trips a week to do what ought to be done in one trip—means 3,000 needless, wasted trips a week, 156,000 wasted trips a year.

Who pays for this colossal, profligate waste?—for that delivery man's time on those 156,000 wasted trips—for the forage and keep of that horse and the maintenance of that wagon?

The wholesaler? Never! You do. Chickens come home to roost.

IMPORTS OF WATTLE BARK

The United States imported 25,566,000 pounds of wattle bark from South Africa in 1916.

Prior to the war, the United Kingdom was the best market for wattle bark, followed by Hamburg, Australia, Russia, Belgium and New Zealand. Hamburg usually re-exported large quantities to the Netherlands. Exportation was hampered greatly by the outbreak of the war; only 58,000 tons of the bark were exported from South Africa in 1914, although it had been expected that the amount would reach 75,000 tons. Germany and other foreign markets having been closed by the war, the United States stepped in and began purchasing large quantities, and the exports to Australia also increased.

South Africa's first shipment of the extract prepared from wattle bark was made in April of the past war. It was the product of the Natal Tanning Extract Co. (Ltd.) at Pietermaritzburg, and the whole quantity, 982,454 pounds, valued at \$70,340, went to London. The extract is cast in forms while still liquid and solidifies into hard blocks. It is shipped in sacks. The freight rate for the extract by the Union Castle Co. to London now is \$23.48 per ton of 2,240 pounds, plus 20 per cent.

The prices of the bark in South Africa have fluctuated between \$21.90 and \$26.75 per ton, f. o. b. port of shipment.

Drug & Chemical Markets

IODINE COMPOUNDS HIGHER IN LONDON

Salts Follow the Advance in Iodine—Cape Aloes, Isinglass, Honey, Orris, Sodium Benzoate and Acetanilid Higher—Caffeine Easier—Phenacetin Lower.

(Special Cable to Drug and Chemical Markets.)

London, Nov. 20—The drug market is quiet this week. All iodine compounds have been advanced in price following the advance in iodine.

Cape Aloes are higher and advances are noted in isinglass, honey, orris, sodium benzoate, hexamine and acetanilid.

There is a firmer tendency in vanillin, Japanese camphor, lemon oil, tartaric acid and a few other products which are scarce at present in this market.

Caffeine is slightly easier.

Phenacetin and methyl salicylate are lower.

Acetanilid in sympathy with cables from your side has rapidly recovered to 3s 3d to 3s 6d per pound. Spot supplies are moving in very limited compass and the product is talked higher.

Ipecacuanha firm. Matto Grosso 12s to 12s 6d per pound. Cartagena is selling at 11s 6d.

Santonine 9s per pound, higher at 330s per kilo.

Shellac T. N. orange, 279s per cwt. and advancing.

Citric Acid steady at 3s 3d spot.

Cream of Tartar 5s higher at 320s per cwt.

Phenacetine is reported sold down to 35s per pound for January. Spot 45s per pound.

Salicylates and Salol have an easier tendency.

PRICE CHANGES IN NEW YORK

(Original Packages)

Advanced

Alcohol, Wood, 10c
Ammonium Bromide, 10c
Balsam Fir, Oregon, 5c
Balsam, Tolu, 6½c
Balm of Gilead Buds, 5c
Camphor, Domestic, Refined, 2c
Camphor, Japanese, Refined, 1c
Castor Oil, Barrels, 1c
Chloroform, Drums, 2c
Colchicum Seed, 25c
Colocynth, 4c
Cuttlefish Bone, French
Large, 3c
Formaldehyde, 1c

Iodide Preparations, 55c@85c
Iodine, Resublimed, 80c
Milk, Sugar, 2c
Mustard Seed, English, Dutch, ½c@1c
Oil of Cassia, Technical, Redistilled, U.S.P., 3c@5c
Cloves, Tins, Bottles, 30c@35c
Wintergreen, Bulk, 5c
Potassium Bromide, 10c
Salol, U.S.P., 10c
Shellac, 3c@5c
Sodium Bromide, Bulk, 55c
Strontium Bromide, Crystals, 10c

Very few price changes were downward and these were unimportant except in the case of powdered white arsenic which was reduced one-half cent a pound.

Manufacturers announced advances in iodine preparations, sugar of milk, bromides, salol, wood alcohol and chloroform. Reductions in prices were few and unimportant.

The scarcity of tin and high price has led to considerable apprehension among manufacturers who use tin containers in quantities. The Government is short of supplies and will commandeer stocks wherever found.

Embargoes by railroads and attempts of buyers to cancel orders because deliveries have not been made on time owing to transportation delays have led to numerous suits which are crowding the court calendars.

Alcohol, Denatured—Prices ruled entirely nominal at 78c@80c for 180 proof and 81c@82c a gallon for 188 proof. There was keener selling competition and a slow demand.

Alcohol, Wood—Leading refiners raised prices 10c a gallon based on a higher cost of production and a larger

export demand. Sellers are quoting from \$1.30@1.35 for 95 per cent. and \$1.35@1.40 a gallon for 97 per cent. Shortage of water and a scarcity of labor at the principal producing sections were the reasons given for the advance.

Arsenic—Powdered white supplies closed weaker under increased offerings because exports are now restricted by the Government. Sellers are asking from 16c@16½c a pound.

Ammonium Bromide—Leading makers raised quotations 10c a pound owing to scarcity and enhanced cost of crude materials. In most quarters granular supplies were held at 75c a pound in bulk, covering 50 pound lots in one delivery. Manufacturers refused to enter orders or contracts for supplies for forward delivery.

Balsam, Fir—Decreased offerings and a marked curtailment of stocks in primary markets due to shortage of labor, caused a stronger sentiment among local holders of Oregon supplies. Sellers are naming 5c higher at \$1.15 @ \$1.25 a pound, as to quality.

Balsam, Tolu—The market for tolu closed stronger and higher under lighter offerings owing to smaller arrivals from producing centers. Holders advanced prices to 52½c@60c a pound.

Balm of Gilead Buds—Limited stocks led to a stronger market and an advance of 5c a pound. In some quarters sellers named 59c while others quoted from 60c@64c a pound.

Camphor, Domestic Refined—Domestic refiners announced an advance of 2c a pound in response to higher primary markets and diminishing supplies here. Offerings are being made on the new basis of 76½c a pound for supplies in bulk.

Camphor, Japanese—Refined supplies closed firmer under a further curtailment of stocks, importers announcing a rise in quotations of 1c a pound on 2½ pound slabs to 74c a pound. Some sellers refused to accept bids below 75c a pound. Sales at 74c@74½c were reported.

Castor Oil—Leading pressers announced an advance of 1c a pound, due to higher prices for castor beans, and Government requirements. Pressers are offering spot parcels of No. 3 oil in barrels at 25c@26c a pound on the spot.

Celery Seed—In some quarters spot parcels were offered at ½c a pound lower to 27½c, while holders generally demanded 28c a pound. Spot supplies are meager and offerings are made sparingly at primary markets.

Chloroform—Prices made a marked advance of 2c a pound for supplies in drums. The rise was occasioned by an active demand and a stronger market for the crude material. Manufacturers are quoting 70c a pound.

Cloves—The scarcity is likely to continue for some months. There have been some shipments of cloves from Bombay this month, but they will not arrive until after the first of the year. Offerings of spot parcels were limited involving Zanzibars at 51c and Amboynas at 54c a pound. Zanzibars due here this month were offered at 51@52c a pound.

Codeine—Prices are firm. The demand has been steady on the basis of \$8.85 an ounce for sulphate supplies in bulk.

Colchicum Seed—Scant supplies resulted in an advance of 25c a pound. Sellers offered limited quantities on the spot at \$3.45@3.60 a pound.

Colocynth—Whole apples closed firmer on scarcity and higher markets abroad, scoring a rise of 4c a pound. Importers offered spot lots sparingly at 29c@30c a pound.

Cuttlefish Bone—An increased demand for large jewelers' bone, coupled with stronger markets abroad, resulted in an advance of 3c a pound. Importers in most quarters are asking \$1.32 while some holders are naming \$1.34 a pound. The exports of cuttlefish bone from Malaga to the United States from January 1 to October 1, aggregated 9,821 pounds as against 4,823 pounds for the same period last year.

Formaldehyde—The market has strengthened and prices scored another gain of 1c a pound owing to a steady demand and depleted supplies in second hands. In some quarters sales at 18½c to 19c were reported, but limited lines could have been purchased at 18c@18½c a pound.

Ginger—Spot stocks of all grades have dwindled. Japan ginger is almost unobtainable and scattered small lots are being held at about 11½c a pound.

Haarlem Oil—The market appears to be practically bare of spot stocks and in the absence of offerings quotations closed wholly nominal. Parcels for arrival were offered at \$6.50 per gross, but nothing definite is known as to when the shipment will arrive.

Iodine Preparations—Resublimed iodine is quoted at \$4.25 a pound. In response to the advance in crude iodine the salts were advanced 55c@85c a pound. Mercury iodides, yellow and red, are held at \$4.10 and \$4.20 respectively. Potassium iodide is \$3.75 and thymol iodide \$16.55 a pound.

Iodoform—Makers raised quotations to \$5 a pound for powdered, based on the advance in the raw material. Sellers are quoting \$5 for bulk powdered supplies on the spot.

Mercury—Inquiries from buyers have increased but owing to limited spot supplies only moderate sales resulted at \$100 a flask of 75 pounds. A carload of mercury was stolen recently on its arrival at Hoboken and no trace of the thieves has been found.

Milk Sugar—Leading manufacturers advanced spot quotations to 44c a pound, showing a gain of 2c a pound over recent prices.

Morphine—Prices are firm. Makers quoted \$12.80 an ounce for supplies in bulk, 5 ounce cans included, covering lots of 25 ounces and over.

Mustard Seed—All grades have been in good demand and fair sales of English yellow on the spot at ½c advance have been booked at 16c@16½c a pound. For spot Dutch yellow seed holders advanced quotations 1c to 16½c @17c a pound, while Chinese closed unchanged at 9c a pound. Bombay brown seed is very scarce and quoted nominal at 14½c a pound.

Naphthalene—Holders named 10c@12c a pound and fair sales were reported at these prices.

Oil Of Cassia—Owing to diminishing supplies there was an advance of 3c on technical 75@80 per cent., and 5c a pound on redistilled U. S. P. oil. Handlers are offering supplies sparingly at \$1.48@1.50 for technical 75@80 per cent., and \$2 @2.25 a pound for U. S. P. redistilled oil, as to brand.

Oil Of Cloves—Prices have been advanced 30c to 35c a pound for supplies in tins and bottles. The advance is attributed to the scarcity of containers and the high price of cloves. For supplies in tins sellers are asking \$4@ \$4.10 and in bottles \$4.10@4.15 a pound.

Oil Of Wintergreen—Quotations on synthetic U. S. P. spot parcels in bulk have been advanced 5c a pound, in sympathy with the higher cost of crude material and scant supplies. Dealers are quoting 85c a pound. Manufacturers in most quarters are refusing to book orders or contracts for forward delivery.

Opium—Importers are holding U. S. P. spot supplies of powdered at \$30 and granular at \$32 a pound. Persian opium closed nominally unchanged at \$24 a pound.

Potassium Bromide—Quotations were raised 10c a pound by leading manufacturers, to \$1.45 a pound for granular in bulk in lots of 100 pounds and over in one delivery. Orders for forward delivery are being rejected by makers.

Quinine—Offerings were light because of scant spot stocks. Domestic manufacturers are repeating former quotations on the basis of 75c an ounce for lots of 100-ounce tins and over. Second hands are offering supplies sparingly at 82c@84c an ounce.

Salol—Manufacturers raised quotations 10c to \$1.60 a pound for supplies in bulk and \$1.70, one pound bottles included. Makers refused to book orders for forward deliveries.

Savory Leaves—The market is practically bare of stocks. Offerings included small invoices afloat, due in about ten days, at 24c@24½c a pound, while for November-December shipment 24c@24½c a pound is being asked.

Shellac—Importers in some quarters have withdrawn quotations temporarily pending normal market conditions. Some sellers quoted on the basis of 55c a pound for T. N. spot parcels. Cables from Calcutta reported prices higher on T. N. closing at 57c a pound. Advice by mail from abroad note the shutting down of shellac plants owing to an epidemic of plague in India.

Sodium Bromide—Makers repeated former quotations of 55c a pound for granulated in bulk, for lots of 50 pounds and over in one delivery. No orders for forward delivery are being booked by manufacturers.

Strontium Bromide Crystals—Manufacturers announced a rise in prices of 10c a pound. The advance was attributed to a scarcity and higher cost of the crude material. For 50 pound lots and above in bulk, makers are quoting 75c a pound.

MORE CAPITAL FOR GERMAN DYE TRADE

The capital of the foremost aniline dyes companies of Germany have been largely increased. The amount of this capital represents a sum which can only be compared with the capital of the great financial institutions and the mining group. This development in the German dyes industry was believed to indicate the determination of the German interests to maintain after the war a monopoly of the dyes trade.

OF TRADE INTEREST

James H. Chambers, president of the Dios Chemical Company, is dead at the age of 81.

Chemicals will be the product of the Domestic Chittick Biochemical Company, Nashville, Tenn., incorporated with \$100,000 capital.

The United States Government is in the market for large quantities of wood alcohol to be used in making a special varnish for aeroplanes.

A Norwegian steamer, tonnage 1,500, has been chartered to bring a cargo of logwood from Port de Paix to Chester, Pa., November-December clearance.

The National Aniline & Chemical Co. has been incorporated under the laws of New Jersey with a capital stock of \$18,959,500. Incorporators: I. F. Stone, W. W. McIlray and W. Beckers of New York.

Charles E. M. Matthews, chairman of the Entertainment Committee of the N. W. D. A. was presented with a silver coffee service by members of the Executive Committee of the association.

George Thompson, a partner in C. S. Littell & Co., 228 Fulton street, New York, wholesale druggists, died of apoplexy last week, at his home, 280 St. Johns Place, Brooklyn. He was 54 years old.

It has been announced by the Department of Agriculture at Washington that a product sold or labeled as a phosphate beverage which does not contain an appreciable amount of phosphoric acid or acid phosphate will be regarded by the Department as violation of the food and drugs law.

A dispatch from Washington to the *Journal of Commerce* says the list of 500 or more commodities which are doomed to denial of transportation on the railroads as being non-essential has been made out by the War Industries Board, but it is not believed that final approval has been given to it yet, and that is why the Board holds it ought not to be given out now. There is some fear, moreover, of financial injury to certain industries if publication is made at this time.

GROWING TRADE IN CASTOR BEANS

Supplies Limited on Account of England's Requirements—High Grade Oil Used for Lubricating Aeroplane Engines—Where Supplies May be Obtained.

In a report to the Department of Commerce on the growth of the trade in castor beans and oil, Consul McBride, of London, England, says:

The pharmaceutical oil, although used in normal times for medicinal purposes, is now also employed to a considerable extent as a high-class lubricant and for waterproof preparations. First pressings oil also is used for lubrication, but at present is employed more in England for the dyeing industry. From it is made what is called "Turkey red" oil, which is used not only in dyeing, but also in the manufacture of transparent soaps. This grade enters into the manufacture of waterproof preparations such as are made in the United Kingdom, and in addition is used for leather dressing.

During the war these two classes have been used extensively for lubricating aeroplane engines. It is reported by the trade that the quantities employed for this purpose are very large, and that probably they represent at least 75 per cent. of the output. The pharmaceutical oil is, preferably, especially in the cold weather, because it is cold-drawn and thus has a better cold test.

"Seconds," or the residue, is too high in free fatty acid to be suitable for the lubrication of aeroplane engines. The principal use for this product in England is in the manufacture of liquid disinfectants, although it is also employed to some extent in the dyeing industry and for soap making. It is used as castor oil for cattle and has many other small uses.

India is the chief source of supply of both the castor beans and the castor oil that are imported by the United Kingdom. The imports of castor beans in 1916 amounted to 819,016 hundredweight of 112 pounds each, valued at \$3,567,787, compared with 556,306 hundredweight, valued at \$1,751,342, in 1915. Practically all of this came from India, with unimportant shipments from Pernambuco and Maranhao, Brazil and from Java.

The imports of castor oil by the United Kingdom in 1916 amounted to 5,701 tons, valued at \$1,212,367, compared with 763 tons, valued at \$137,240, in 1915. About one-third of the imports came from India.

To firms in the United States which desire to obtain the beans for crushing purposes, certain facts may be of interest. The beans are packed for shipment in boxes. The extreme difficulty of obtaining tonnage must be taken into account. British merchants dealing in this article usually receive a selling brokerage from the Indian shippers, so that it should not be necessary for them to charge the buyer's commission. At present only a limited amount of seed would be available, on account of the British Government's requirements. It is understood that it was proposed the Government should control the whole crop in India, but that the Indian Government retained a limited amount for disposal in the usual mercantile channels. On account of the important use of castor oil for aeroplane lubrication, there is now a prohibition of exports of castor oil and castor beans, and American firms which desire to purchase supplies would be obliged to import direct from India, Java or other producing countries. It would probably be impossible for Americans to import castor beans except at ports maintaining direct steamship communication with the sources of supply.

The price fixed by the British Government controller is £37 (\$180.06) c. i. f. per ton, but one of the British merchants that are interested in this article states that it is possible to make purchases at Bombay at about \$148 per ton.

DEMAND FOR MANGANESE

War manufacturing conditions in the United States have indirectly resulted in an enormously increased output of manganese by the mines of Brazil. Many high grade alloy steels used in high speed tools contain 5% to 10% of manganese. The American alloy-steel manufacturers have turned to Brazil for practically 85% of their supplies of manganese, the majority of the other sources being cut off

by the war. This condition has caused many new Brazilian mines, hitherto unknown, to be opened and operated at full capacity under the stress of the present strong demand for manganese in the United States.

New mining operations in the manganese field have been almost completely confined to the State of Minas Geraes with the exception of the new ventures by an American company, which is now mining and exporting manganese ore from the State of Bahia. The same company claims to have purchased four other mines in this vicinity, accessible to the Central Railway of Brazil, but has not as yet worked the property.

ADULTERATION OF INDIA'S PRODUCTS

Government Warns Exporters of Indigo, Oils, Beeswax, Cotton, Jute and Senna

The adulteration of products for export since the outbreak of the war has caused criticism in other countries besides the United States. The Japanese Government has already taken action by the formation of a commission to inspect goods before export to prevent the shipment of inferior material, and now the Government of India is dealing with a practically similar problem. DRUG AND CHEMICAL MARKETS recently published an account of India's loss of the Tinnevely senna trade. Now the Government of India has issued a letter to all chambers of commerce in India declaring "cotton is still watered. Jute is still watered; ground nuts, hides, indigo, oils are freely adulterated."

In referring to beeswax the letter says:

"In 1915 the Imperial Institute, London, drew attention to the adulteration of Indian beeswax. They pointed out that if a continuous supply of pure beeswax could be obtained it was probable that the greater part of the Russian beeswax trade, which was formerly in the hands of the Germans, would remain permanently in British hands and a steadily increasing industry for India would result. They suggested that these facts should be brought to the notice of the traders concerned in this country."

The letter continues:

"It will be seen from the preceding sketch of previous discussions on the subject that the Government of India has been consistently opposed to any attempt to meet the evil by legislative measures. It has maintained the opinion that the proper agency for dealing with these abuses is the trade itself, and that no intervention on the part of Government is desirable.

"If the leading exporting firms of any particular commodity in India would arrange with their leading buyers that the latter should insist on freedom from adulteration, an improvement could probably be more readily effected by this means than by any action on the part of Government. This would seem to be the most fruitful line of attack, but it has also been suggested that Chambers of Commerce in India might organize some system of certifying to the purity of products before export."

NITRATE SHIPMENTS TO THE UNITED STATES

Laird & Adamson, of Liverpool, under date of October 5, say of nitrate of soda:

The market continued to advance until 16s was paid for this year's delivery of refined, which showed a further rise in values of about 2s 6d per quintal since our last report. At that point the statement that about 200,000 tons of German stocks had been sold through the Chilean Government to the United States Government caused a reaction of about 6d per quintal. Since then there have been slight fluctuations and a narrower market. Closing values are about 15s 6d to 15s 4½d per quintal f. o. b. Chili for this year's refined and 15s 2d to 15s 1d for ordinary. January-June, 1918, might be quoted about 14s 1d or refined, 13s 10½d ordinary and July-December about 12s 9d and 12s 6d.

The production in September was 227,200 tons compared with 212,600 tons in September, 1916. The production for nine months is 2,166,300 tons against 2,145,200 tons for nine months in 1916. The shipments to the United States in September were 172,900 against 129,500 in September, 1916. The total shipments to the United States, from January to October 1, were 1,070,200 tons compared with 899,100 tons for the corresponding period in 1916.

Heavy Chemical Markets

TRADE IN CHEMICALS RESTRICTED

Many Important Products Growing Scarce—Consumers Unable to Get Supplies of Caustic Soda and Soda Ash—Heavy Business Expected.

As the end of the year approaches the local market is becoming extremely quiet and the movement of stocks toward consumers is comparatively slow. On several items in the general list a shortage of spot stocks is reported. Soda ash and caustic soda continue to be the items of most interest to consumers and dealers. These two heavy chemicals have stood at the top of the list for some time, but trading has been restricted to the quantity of spot material available. According to some, manufacturers will be taxed to the utmost capacity of their plants to take care of the orders from the Government and from individual buyers.

The acid market is reported firm, and while sulphuric acid is the variety of chief interest, acetic, muriatic, nitric and the other important acids are in demand. Price fluctuations have not been material, and in the main all of the important acids are quoted at approximately the same levels as a week ago. No changes are reported in alums. The market is quiet, but at the same time steady, and with inquiries good the market has improved.

The strong demand for sulphate of aluminum continues, and from present indications the market will remain firm. Considerable business is being booked for future delivery. Bleaching powder shows a decided improvement this week. Prices are unchanged. The demand has been steady and surplus supplies have been pretty well cleaned up. The export call is unusually heavy, but it is said that the high cost of steel is forcing prices in export drums to the point where holders find a better profit by confining their trading to the home market.

Acetate of lime is firm and prices are unchanged. Producers are working overtime to fill the large orders that are being placed. Copper sulphate is easier, and offers are being freely made at lower prices with few buyers. Caustic potash has developed more firmness and sellers have again advanced their price for most all degrees. Nitrate of soda shows additional weakness, as offers are now being made at a flat price of \$4.75 per hundred pounds, which is the lowest figure heard in some time. Supplies are not abundant, but sufficient to take care of a larger volume of business.

Acid, Acetic—With supplies light, prices are holding firm at the following ranges: The 80 per cent., pure acetic, 21c to 22c a pound, according to quantity; the 70 per cent., 14c to 15c a pound; the 56 per cent., test, 11½c to 12c a pound, and the 28 per cent., test, 5½c to 6½c a pound. No price change is noted on the 99 per cent. glacial acetic, which is quoted in most quarters at 36c to 37c a pound. The above figures show no alteration from those of a week ago, and although on several occasions lower prices were heard the condition was brought about by second-hand trading and does not reflect the actual condition of the market.

Acid, Muriatic—Closing figures for muriatic acid were: From 1½c to 2½c a pound, for the 18 degree; 2c to 2¼c a pound for the 20 degree, and 2½c to 2¾c a pound for the 22 degree. The spot supplies available are hardly sufficient to take care of the heavy demand.

Acid, Nitric—Quotations for the 40 degree material range from 8½c to 9¼c a pound, according to quantity, and with spot and nearby of the 42 degree holding firm at unchanged prices, the market discloses a stronger undertone. Inquiry from users is exceptionally heavy. There has been no let-up in the demand for picric acid and buyers are having trouble to locating sufficient spot supplies. Much dealer speculation is still going on and this has caused price fluctuations which do not reflect the actual market.

Acid, Sulphuric—This acid continues to be the one of chief interest as the Government is stripping the market of stocks. A number of large orders from consumers have not been filled owing to shortage of supplies. Producers are working to full capacity with an endeavor to cope with the tight situation. For delivery over 1918, few prices are heard because makers are uncertain as to the requirements of the Government. Nominal quotations heard at the close were: The 66 degree acid, 2c to 3c a pound, according to quantity and buyer; the 60 degree 1½c to 2c a pound, and the 50 degree sulphuric 1c to 1½c a pound.

Alums—No price changes have occurred on any varieties of alums. Inquiries are heavier and more trading is now expected. Producers continue to quote with considerable firmness at 8½c to 9c a pound for the potassium lump; 25c to 28c a pound for the potassium chrome; 4c to 4¾c a pound for the ammonium lump, and 19c to 20c a pound for the ammonium chrome.

Aluminum Sulphate—The local market presents a rather quiet appearance and liberal offerings are now being made in the open market. The commercial grade was quoted comparatively freely at 2c to 3c a pound, according to quantity, but at the same time several holders say that they are unable to find buyers at 1¾c a pound as the flat price. Quantity, however, was not stated at the last named figure and some dealers question whether any large spot quantity could be found at such a low price. The iron free, or high grade material is quoted at 3c to 4c a pound.

Bleaching Powder—There is a much better demand for bleaching powder. Prices, however, are at the same levels as a week ago. Sellers still have sufficient stocks to take care of orders. The inquiry continues good, thus giving the market a stronger undertone. Spot and nearby stocks are quoted at 1½c@2c a pound, for the 27-pound tare and 2½c@3c a pound for the 100-pound drums for export.

Calcium Acetate—Although the largest producers have not changed their price for this material, it is stated that the demand is now so strong that manufacturers are having some trouble in filling orders promptly. There continues a shortage of labor and this has curtailed the output somewhat. The call has been unusually heavy for several weeks and a number of large orders are being booked for future delivery. The price for spot and nearby is unaltered at \$6.00@\$6.05 per hundred pounds.

Copper Sulphate—A slightly easier tone is in evidence in copper sulphate. The inquiry is good, but the demand has fallen off somewhat. While there are no abundant spot supplies in the local market, stocks available for immediate delivery seem ample to take care of more business. For spot material 9¼c@9½c a pound is the price named for the 98-99 per cent., large blue vitriol, and about the same figure for delivery until the last of this year.

Lead Acetate—The spot market is active and a great many inquiries are being received concerning forward positions, but because of the uncertain condition producers are not quoting liberally on 1918 delivery. Prices given for spot and nearby are at about the same ranges of a week ago. Between 17c and 18c a pound is being asked by holders of the white crystals, and 15½c@16¾c a pound for the granulated.

Magnesite—The market continues firm and active. The California price at mines is \$40@\$45 a ton, and the New York price is \$50@\$55 a ton. Shortage of carriers continues to restrict the prompt movement of stocks from the coast.

Potash, Caustic—Holders have advanced prices again for spot as well as for forward positions. Prices now range for immediate shipment from 64c to 67c a pound, depending upon quantity, for the 70-75 per cent., and 84c to 88c a pound for the 88-92 per cent. The price heard, for the 80-85 per cent. is unchanged at 82½c@85c a pound. The spot market is pretty well cleaned up.

Potassium Bichromate—Inquiries continue, but no large orders have been placed and the condition is quiet. The quotation for spot goods remains unchanged at 44¾c

a pound as the inside, although some are asking a quarter cent higher. The undertone of the market appears stronger.

Potassium Prussiate—The consumer demand continues for the Japanese product and importers say that they are still behind in their orders. Prices for spot and nearby on both the red and the yellow are unchanged from a week ago at \$1.25@1.30 for the yellow, and \$2.55@2.60 a pound for the red.

Saltpetre—Quotations ranged from 28c to 28½c a pound for the granulated, and 31c@33c a pound for the crystals. The domestic demand is steady.

Soda Ash—A fairly active market is noted in soda ash, but trading is restricted on account of a shortage of spot material. The most important makers appear to be well sold up for the balance of this year and there are no large quantities to be had at any price. The condition for 1918 appears to be attracting chief attention from consumers. In bags the price named in most directions was 3c@3¼c a pound, while 3¼@3½c a pound was the figure heard for stocks in barrels.

Soda, Caustic—This material appears weaker and as low as 7½c a pound was heard from a number of directions for November-December delivery. Others are quoting a flat price of 8c a pound. Although prices are heard at 6¾c@7c a pound for over the year 1918, consumers are not keenly interested in those positions at the present time. Much dealer speculation is noticed.

Sodium Bichromate—In the absence of large orders the market shows a further weakening, and spot supplies were available in large quantities at 18¼c@19c a pound. Prices heard for over the year 1918 range from 17c to 17½c a pound. The undertone of the market has not improved. Supplies, while not abundant, are sufficient to fill much larger orders.

Sodium Nitrate—This market appears weaker as supplies of the crude were offered on spot at \$4.75 per hundred pounds, which is a lower price than has been heard for some time. There is a good inquiry but consumers are not placing large orders. There are only moderate spot supplies available. Since January-March delivery of next year is quoted at \$4.90 per hundred, it will be seen that the undertone is firm. The refined is in good demand with prices unchanged at 6¾c a pound.

URUGUAY ANALYZES DRUG IMPORTS

A decree of the Uruguayan Government issued on July 16, 1917, places chemicals and pharmaceutical products temporarily on the list of articles subject to chemical analysis before clearance. Under the terms of this decree 2 pesos (\$2.07) will be charged for the analysis of each product imported, regardless of the quantity, and all products that are found to be below the standards of purity prescribed in the official pharmacopoeia (the French Codex) will be rejected and must be re-exported within 30 days.

ADVANCE IN PRICE OF CAMPHOR

Camphor has advanced owing to increased demand and a shortage of supplies. One dealer recently sold camphor tablets in cartons (¼ ounce, ½ ounce, 2/3 ounce and 1 ounce sizes), at 81 cents a pound, duty paid. Another dealer said there was no camphor here. He is quoting 83 cents a pound for all sizes of tablets, and 78 cents a pound for blocks.

The market on Japanese refined camphor also became firmer, quotations being advanced from 73 cents to 86 cents a pound. Monobromated camphor remains strong at \$2.50 to \$2.55 a pound.

A metal trade paper, dated November 12, says of coke oven by-products: "The Government continues to commandeer supplies of toluol as fast as they become available, and several additional fair-sized blocks have been taken. These immediately were allotted trinitroluol makers. Fullest co-operation prevails between the makers of toluol and the Government. The former now are refusing to sell even a drum to their regular customers, unless the makers first have obtained permission and approval of the War Industries Board."

CHEMICAL TRADE WITH SOUTH AMERICA

Trade between the United States and South America is three times as great as in the year before the war. A compilation by The National City Bank of New York, shows that the total exports to that continent in the eight months ending with August (the latest month for which figures are available) aggregated \$188,000,000, against \$65,000,000 in the same months of 1914; and the imports from South America were \$433,000,000 against \$157,000,000 in the same months of 1914. Thus the total trade with that continent in the eight months of 1917 was \$620,000,000 against \$222,000,000 in the corresponding months of 1914.

Here are the exports of drugs, chemicals and dyestuffs for the first eight months of 1917, to Argentina, Brazil, Chile, Colombia and Peru:

	Argentina	Brazil	Chile	Colombia	Peru
Drugs and chemicals; acids ..	\$11,177	\$12,146	\$3,849	\$ 566	\$14,561
Calcium carbide	35,894	1,267	9,110	....	14,586
Aniline dyes	10,333	22,310	3,682	....	3,376
Logwood extract	6,353	461	92	121	30
Other dyes	18,143	46,962	25,285	4,363	13,264
Chloride lime	26,695	4,478	7,337	....	1,553
Medicines	16,001	29,038	23,648	23,155	25,232
Chlorate potash	8,500	13,672	4,704	4,201	....
Caustic soda	20,445	69,900	8,129	16,320	1,536
Other sodas	54,447	37,038	9,548	1,745	7,461
Other chemicals	111,071	146,133	42,760	36,325	33,633
Rosin	46,054	91,730	4,247	31	454
Paints and varnish	93,063	81,708	48,838	6,865	7,031
Paraffin	45,977	9,187	63,351	25,585	15,505
Sugar	1,324,609	295	239	1,121	....
Surgical appliances	8,682	13,654	3,446	319	1,439

The principal articles on the import side are wool, hides, copper, nitrate, India rubber, quebracho, coffee, cacao. Of wool, our imports from all South America in the eight months ending with August, 1917, amounted to \$98,000,000 value against only \$11,000,000 in the same months of 1914; hides \$64,000,000 in 1917 against \$21,000,000 in the same months of 1914; copper \$56,000,000 against \$9,000,000 in the corresponding months of 1914; quebracho \$6,000,000 against \$2,500,000 and nitrate \$36,000,000 against \$11,000,000 in the corresponding months of 1914.

TIN SCARCE AND HIGHER

The arrival of several hundred tons of tin last week failed to relieve the stringency because it had all been sold. The spot market is bare of supply and no one apparently has faith enough in futures to buy. There is quite a little tin in consumers' hands, but it is not evenly distributed. Some concerns have none and others more than they need, but the latter are forbidden to part with their surplus. What little business has been done has been that of retail trade. Brokers are active trying to pick up a few odd tons anywhere they can be found. These small lots have commanded prices as high as 75c.

QUOTATIONS ON CHEMICAL STOCKS

	Bid.	Asked
American Cyanid	15	22
do preferred	48	55
Barrett Company	88	90
do preferred	99½	100
By-Products Coke	147	151
Casein Co. of America	37	42
Davison Chemical	30	33
Dow Chemical	225	245
do preferred	98	101
Electro Bleaching	140	250
Federal Chemical	93	95
do preferred	101	104
Freeport Texas, New	39	43
General Chemical	161	165
do preferred	99	109
Grasselli Chemical	200	210
Hooker Electro Chemical	80	90
Kentucky Solvay	215	240
Merrimac Chemical	17	21
Michigan Limestone & Chemical	19	22
do preferred	55	60
Mulford Co., H. K.	150	....
Mutual Chemical	100	110
Niagara Alkali preferred	94½	96
Pennsylvania Salt Mfg. Co.	58	60
Rollin Chemical	98	102
Semet Solvay Co.	225	240
do rights	35	40
Smith Agricultural Chemical .....	....	135
Solvay Process	290	310
Standard Chemical	90	95

Color & Dyestuff Markets

GOVERNMENT STILL PLACING ORDERS

Toluol and Dye Bases and Dye Woods in Demand— Dealers Unable to Fill Orders Promptly—Indigo Firm and Supplies Light.

Where price fluctuations have been noted, the tendency has been upward, and this is true especially of coal tar derivatives. Lack of ocean transportation has greatly curtailed supplies of important dye bases and dye woods and this has caused prices to materially advance with no indication that the present tight condition will be relieved immediately. The United States is a large buyer of a number of these materials, especially fustic, and dealers are having considerable trouble in locating sufficient quantities to fill orders promptly.

The firm condition that has prevailed for some time on the imported egg albumen continues and the high level of prices is maintained. Stocks are now so light that many orders are going unfilled. No change has occurred in archil. Cochineal is held in firm hands and a number of holders are bullish. The price of cutch has advanced materially. Some improvement has been noted in divi divi, and although comparatively low prices continue to be heard, the majority of importers are quoting at higher levels. Indigo is firm and supplies are light. While prices for the various grades of logwood are unaltered consumer interest is keener. All grades of fustic are unusually scarce on spot. Many orders for sumac remain unfilled. Importers are unable to get supplies fast enough to take care of the call.

Naphthionic and sulphanilic acids are in good demand, and with the production being steadily increased prices are holding firm and at unchanged levels. A better inquiry is reported for aniline oil. The salts are steady and even though the demand appears to be increasing, holders have not advanced their price for spot. No material change is reported in benzidine, but benzol is offered at much lower prices.

Few producers have any large spot quantities of naphthalene flake on hand and the market remains firm with consumer interest centering on forward positions because of the depleted spot market. Dinitrotoluol and para-amido-phenol have been rather quiet during the interval although sellers have not changed their prices one way or the other. Spot supplies of phenol are scarce and the market is inactive on this account.

Betanaphthol is firmer and a number of holders have advanced their price for spot three points. The ortho and the para toluidine are firm with prices unchanged. Only nominal quotations are heard on toluol for any position, as it is not thought that any large spot quantities could possibly be located.

Albumen—Nominal prices are heard at 54c to 58c a pound, for the domestic blood, and 60c a pound, flat, for the imported blood. The increase noted last week on the Chinese egg albumen continues to hold and it is difficult to obtain any quantity at less than \$1.05 a pound, and in the majority of cases \$1.10 a pound is being asked for spot and nearby material.

Archil—The double archil is unchanged from last week at 14½c to 15c a pound, while the triple is quoted with considerable firmness at 18c to 20c a pound. Holders of the concentrated are asking 26c a pound, although in some quarters it appears that this price could possibly be shaded on a firm bid. Spot stocks are not abundant.

Cochineal—For a good grade of the silver on spot and nearby the price is 53c to 56c a pound, and for the rosy black variety 55c to 59c a pound. The gray black is finding a ready market at 54c to 55c a pound. The condition of the local market continues firm with a strong call from all directions. Supplies on spot are light.

Cutch—Large business continues and prices have scored another advance. Spot supplies are rapidly diminishing under a pressing demand from consumers. Clos-

ing quotations were 14c to 16c a pound for the Rangoon, in boxes, 8½c to 9½c a pound for the liquid, and 10c to 12c a pound for the tablets.

Divi Divi—Consumers are showing much interest and there is a better demand for spot stocks. Although it was said that a sale was made at \$58 a ton as the inside price, the majority of holders are asking in the neighborhood of \$62 a ton as the inside and up to \$66 a ton as the maximum. Supplies are sufficient to fill present orders.

Gambier—Trading has improved on all grades of gambier and with spot stocks light several of the largest holders have advanced their price. The sharpest advance is noted on the common which was quoted firmly at the close at 16½c to 18c a pound. The 25 per cent. tan, closed at 10c to 10½c a pound; cubes No. 1 at 23c to 24c a pound, and cubes No. 2 at 21c to 21½c a pound.

Indigo—Quotations were heard at 30c to 32c a pound for spot and nearby wool indigo, and 50c to 54c a pound for the cotton, same position. The market continues firm with prices unchanged.

Logwood—A better demand is reported and the tone of the market appears firmer than for some time. The Mexican sticks, (Campeache) are quoted on the open market at \$38 to \$43 a ton. The 51-degree extract is also moving in better volume, with prices for spot and nearby ranging from 9½c to 12c a pound. The figure heard for the logwood chips is around 3c a pound.

Fustic—Importers are having considerable trouble in locating sufficient supplies to take care of the heavy demand. The United States Government has placed large orders and this keeps the spot market depleted. Importers have no way of knowing the position of their stocks afloat and there is reluctance to quote very far ahead. The sticks are held firmly at \$50 to \$58 a ton, and the solid fustic at 25c to 26c a pound. The chips are nominal at 4½c to 5c a pound.

Sumac—The market is firm with supplies insufficient to take care of the large consumer demand. Nominal quotations are \$50 to \$59 a ton for the Virginia material, and \$87 to \$90 a ton for the Sicilian grade.

Coal-Tar Derivatives

Acid, Naphthionic—The refined naphthionic acid is quoted firmly on spot at \$1.80 to \$1.85 a pound, f. o. b. works, and the crude on spot at \$1.40 to \$1.50 a pound. The demand has been heavy for some time and besides the large spot business large orders are already being booked for forward positions. At this writing there seems to be no shortage of supplies as the production is being constantly increased.

Acid, Sulphanilic—Although the report continues that small sales are passing at 31c a pound for sulphanilic acid, the majority of holders continue to quote with considerable firmness at 32c to 34c a pound. This material is in constant and heavy demand and while the quantity of spot material is not large, it is sufficient to take care of the present call.

Aniline Oil and Salts—Although the volume of spot business is larger, prices have not advanced materially. Sellers still seem anxious to dispose of supplies on hand, and irrespective of the stronger undertone a fairly large sale was made at 26c a pound, drums extra. Around 27c a pound, drums extra, however, is the price generally heard. The salts are firm at 33c to 34c a pound with a good demand reported and supplies sufficient to meet it.

Benzidine—With moderate spot supplies and a steady demand, a firm condition is reported on benzidine. Sellers quote \$1.85 to \$1.90 a pound for the base, and \$1.45 to \$1.50 a pound for the sulphate.

Benzol—Liberal offerings are being made with but few buyers in sight, and several of the largest holders have again lowered their price for spot and nearby goods. Offers at 45c a gallon were made and perhaps on a firm bid even this price could be shaded. In several directions, however, 45½c to 46c a gallon is the asking price.

Naphthalene—Dealers continue to quote firmly at 9½c to 10c a pound for a good grade of the flake. For delivery until the last of the year sellers ideas remain at 10c a pound. No figures are heard in 1918 positions. Supplies on spot are very light.

Dinitrotoluol—Around 55c a pound appears to be the prevailing price for spot stocks, moisture free basis, although from one or two directions as high as 60c a pound has been heard. A fairly active market is noted, but supplies are sufficient on spot to handle a greater volume of business.

Para-amido-phenol—Little activity is noted in this market on para-amido-phenol. Trading continues quiet despite the fact that inquiries are good. In the majority of cases large holders of the spot base are quoting from \$4.50 to \$5.00 a pound, with the hydrochloride at about the same price. There has been no change in January-March stocks which are quoted firmly at \$4.20 to \$4.30 a pound.

Phenol—There is a better inquiry for phenol and the undertone of the local market is firm. In the absence of prices for next year, the situation is entirely speculative. In car lots business has passed at 53½c a pound.

Betanaphthol—A firmer market is noted and several of the large holders have advanced their price for spot as well as for nearby. The technical was quoted as high as 70c a pound. Stocks are available in limited spot quantities at around 67c a pound. The sublimed material is held in firm hands at 87c@87½c a pound. Spot is in only moderate quantity. No price changes have occurred in the U. S. P. which remains steady at \$1.25 a pound.

Toluidine—The local market remains firm on both the ortho and para toluidine. There has been a good call from consumers and while spot supplies are not abundant there seems to be sufficient in the New York market to handle the volume of business now being placed. The para is quoted at unchanged levels from first hands at \$2.25 a pound, for spot, and \$2.10 to \$2.15 a pound on contract goods. The range of 90c to \$1.00 a pound is the prevailing price for the ortho.

Toluol—The New York market continues purely nominal on toluol, as but very little spot material can be located here at any price. No figures are heard for 1918 delivery as the situation is entirely too speculative at the present time. The only trading recorded has been in small contract orders.

STAMP TAXES IN EFFECT DEC. 1

On and after December 1st, 1917, Documentary Stamp Taxes are imposed upon documents and papers, as follows:

- Corporate Bonds and Debentures, 5c per \$100.00.
- Surety and Indemnity Bonds, 50c.
- When premium is charged, 1% of premium.
- Corporate Stock Shares—original issue, 5c per \$100.00.
- Corporate Stock Shares—Transfers, 2c per \$100.00.
- Sales on Boards of Trade and Similar places, 2c per \$100.00.
- Drafts and Checks (future) and Promissory Notes, 2c per \$100.00.
- Deeds of Conveyance, over \$100, 50c per \$500.00.
- Custom House entries not over \$100, 25c; over \$100 and not over \$500, 50c; over \$500, \$1.00.
- Entry for withdrawal from warehouse, 50c.
- Proxies, 10c.
- Powers of Attorney, 25c.
- Playing Cards, per pack, 5c.
- These taxes will be payable by appropriate Documentary Stamps.

IMPORTANT CHANGES IN JOBBERS' PRICES

Advanced

Acid, Carbolic Crystals, Bulk, 5c	Iron Iodide, 7c
Nitric, 36 deg., 4c	Oil, Linseed, Boiled, Raw, 50c
Althia Root, 20c	Sassafras, 20c
Ammonium Bromide, 10c	Whale, 80c
Iodide, 40c	Orris, Select Finger, 10c
Benzaldehyde, 50c	Potassium Bromide, 30c
Calamine, Pink, 5c	Iodide, \$1.10
Camphor, 2c	Soap, White Conti's, 5c
Chloroform, 2c	Sodium Bromide, 20c
Colombo Root, 15c	Iodide, 40c
Gentian Root, 5c	Strontium Bromide, 15c
Iodine, Resublimed, \$1.15	Tumeric, 4c
Iodoform, \$1.15	

Declined

Acetphenetidin, 5c	Oil, Wintergreen, Synthetic, 5@10c
Acetyl Salicylic Acid, 25c	Silver Nitrate, Crystals, 20c
Lithium Carbonate, 15c	Fused, 25@30c
Naphthalene, 2c	Thymol Iodide, U.S.P., \$1.20

MARKET BREVITIES

Carboys have been advanced by one chemical house to \$4 for 10 to 12 gallon containers.

Caffeine was advanced by manufacturers on Saturday to \$12 per pound for alkaloid and \$7.75 for citrate.

A dispatch from San Francisco reported the arrival of the steamer Sierra from Caleta Buena with 9,395 bags of nitrate.

The Chesebrough Manufacturing Company has declared the regular quarterly dividend of \$3 per share and an extra dividend of 50c a share.

Exports of cuttlebone from Malaga to the United States from January 1 to October 1 amounted to 9,821 pounds, against 4,823 in the same time last year.

The Fromite Company, manufacturers of druggists' and physicians' supplies, has been incorporated under the laws of Delaware, with a capital stock of \$300,000.

A customs ruling increases the drawback allowance granted upon the exportation of articles in the manufacture of which domestic tax paid alcohol is used.

Lyster Bros., Inc., drugs, chemicals, etc., has been incorporated under the laws of New York with a capital stock of \$50,000. Incorporators: H. W., M. J., and B. R. Lyster, New Rochelle.

The Government is in the market for 300,000 pounds of chloroform. This will undoubtedly result in a decided stiffening of the market on this product until these needs are satisfied.

A dispatch from San Francisco reported the arrival of the Japanese steamer Kiyo Maru from Yokohama with 5,424 packages of nitrate. Two schooners also arrived with 1,936 tons copra and 718 barrels of coconut oil.

International Agricultural Corporation is now receiving about 800 tons of sulphuric acid daily from the Tennessee Copper Co. This is at the rate of approximately 250,000 tons a year. With acid now selling at from \$20 to \$25 a ton and the Tennessee Company still delivering under a pre-war contract at \$4.81 a ton, the International is making a good profit by reselling about 80,000 tons of sulphuric annually.

It is said that the stocks of vanilla beans in the French market exceed 400,000 pounds. The fact that two-thirds of the old crop of Bourbon vanilla beans have not yet arrived in this market, owing to delays in transportation and the prospective arrival of new crop goods on top of these, may result in easier prices. In the meanwhile, there is a very firm situation in all Mexican vanilla beans due to indications of a short crop.

Liverpool advices dated October 30 say of oils, "Cocoa-nut oil steady but quiet; maximum prices—crude £70 and refined £85 per ton net naked ex-store; local makes nominal. Palm kernel oil firm, few offers and good inquiry; crushed £52 and extracted £51 per ton net naked ex-mill. Lard oil firm and in moderate request, but supply scarce, refiners not offering and values nominal. Castor oil scarce and nominal for goods seconds Calcutta. Rape oil firm and scarce; English refined 71s per cwt. net naked ex-mill."

A London paper says of the British soap industry: "Largely, no doubt, owing to the closing of enemy countries to the exports of soap (and even to its manufacture upon anything like the pre-war basis), our overseas trade in the commodity has shown highly satisfactory expansion. As recently as 1910, the exports of soap from the United Kingdom amounted to only 43,700 cwt., valued at £94,000; but three years later the figures were 1,747,374 cwt. and £2,092,686, while last year the quantity shipped rose to 2,172,738 and the value to £3,458,608."

Prices Current of Drugs & Chemicals, Heavy Chemicals & Dyestuffs in Original Packages

NOTICE — The prices herein quoted are for large lots in Original Packages as usually Purchased by Manufacturers and Jobbers. See Jobbers Prices Current for prices to Retail buyers.

In view of the scarcity of some items subscribers are advised that quotations on such articles are merely nominal, and not always an indication that supplies are to be had at the prices named.

Drugs and Chemicals

Acetanilid, C.P., bbls. ....lb.	—	.65
Acetone .....lb.	.35	.36
Acetphenetidin .....lb.	8.50	9.50
Acetylsalicylic Acid, bulk ...lb.	—	3.55
1-lb. cartons .....lb.	—	3.65
Aconitine, 1/4-oz. vials .....ea.	—	—
Agar Agar, No. 1 .....lb.	.56	.58
*Alcohol, 188 proof .....gal.	—	—
*190 proof, U.S.P. ....gal.	—	—
Cologne Spirit, 190 proof.....gal.	—	—
Wood, ref. 95 p.c. ....gal.	1.30	1.35
97 p.c. ....gal.	1.35	1.40
Denatured, 180 proof .....gal.	.79	.80
188 proof .....gal.	.81	.82
Aldehyde, Acet. ....lb.	—	—
Almonds, bitter .....lb.	.30	.31
Sweet .....lb.	.28	.30
Meal .....lb.	.29	.31
Aloin, U. S. P., powd. ....lb.	—	.80
Aluminum Acetate .....lb.	.80	.90
*Metallic .....lb.	—	2.20
Sulphate, C.P. ....lb.	—	.35
Ambergris, black .....oz.	10.00	13.00
Grey .....oz.	24.00	29.00
Ammonium, Acetate, cryst. ....lb.	.80	.85
Benzoate, cryst., U. S. P. lb.	—	11.00
Bichromate, C. P. ....lb.	—	1.20
Bromide, gran., bulk .....lb.	.75	.76
Carb.Dom., U.S.P.kegs.powd lb.	.11 1/2	.12
Resub. Cubes .....lb.	—	.33
Hypophosphite .....lb.	—	2.15
Iodide .....lb.	—	4.20
Molybdate, Pure .....lb.	—	7.00
Muriate, C. P. ....lb.	—	.45
Nitrate, cryst., C. P. ....lb.	.25	.26
Gran. ....lb.	—	.54
Oxalate, Pure .....lb.	—	1.15
Per sulphate .....lb.	—	1.25
Phosphate (Dibasic) .....lb.	.50	.60
Salicylate .....lb.	1.60	1.63
Amyl Acetate, bulk .....gal.	5.40	5.50
Antimony Chlor. (Sol. butter of Antimony) .....lb.	.18	.20
Needle powder .....lb.	.15	.16
Sulphate, 16-17 per cent free sulphur .....lb.	.50	.53
*Antipyrine, bulk .....lb.	—	—
Apomorphine Hydrochloride .oz.	—	31.20
Areca Nuts .....lb.	.19	.20
Powdered .....lb.	.24	.25
Argols .....lb.	.16	.18
*Arsenic, red .....lb.	.64	.69
White .....lb.	.66	.69 1/2
Atropine, Alk. U.S.P., 1-oz. v. oz.	—	77.50
Sulphate, U.S.P., 1-oz. v. oz.	—	71.00
Balm of Gilead Buds .....lb.	.59	.64
*Barium Carb. prec., pure .....lb.	—	—
*Chlorate, pure .....lb.	—	—
Barley, Pearl .....100-lbs.	—	6.55
Bay Rum, Porto Rico .....gal.	3.40	3.50
St. Thomas .....gal.	3.70	3.90
Benzaldehyde (see bitter oil of almonds)	—	—
Benzol, See Coal Tar Crudes	—	—
Berberine, Sulphate, 1-oz.c.v.oz.	2.50	3.00
Beta Naphthol (see Intermediates)	—	—
Bismuth, Citrate U.S.P. ....lb.	—	3.30
Salicylate .....lb.	—	3.15
Subcarbonate, U.S.P. ....lb.	—	3.25
Subgallate .....lb.	—	3.25
*Nominal.	—	—

Bismuth Subnitrate .....lb.	—	2.85
Subiodide .....lb.	—	5.30
Tannate .....lb.	—	2.90
Valerate .....lb.	—	4.50
Borax, in bbls., crystals.....lb.	—	.08 1/2
Crystals, U.S.P., Kegs .....lb.	—	.09 1/2
Powdered, bbls. ....lb.	—	.08 1/2
Bromine, U.S.P., tins .....lb.	—	.76
Burgundy Pitch .....lb.	.05	.05 1/2
*Imported .....lb.	—	—
Cadmium Bromide, crystals.....lb.	—	4.20
Iodide .....lb.	—	4.40
Metal sticks .....lb.	—	2.15
Caffeine, alkaloid, bulk .....lb.	11.45	11.50
Hydrobromide .....lb.	10.70	12.00
Citrated, U.S.P. ....lb.	7.00	7.50
Phosphate .....oz.	15.00	15.50
Sulphate .....oz.	16.00	16.50
Calcium Glycerophosphate ...lb.	—	2.25
Hypophosphite, 100 lbs. ....lb.	1.00	1.05
Iodide .....lb.	—	4.10
Phosphate, Precip .....lb.	.34	.35
Sulphocarbonate .....lb.	—	1.40
Calomel, see Mercury.	—	—
Camphor, Am. ref'd, bbls.bk.lb.	—	.76 1/2
Square of 4 ounces .....lb.	—	.77 1/2
16's in 1-lb. carton .....lb.	—	.79 1/2
24's in 1-lb. cartons .....lb.	—	.79 1/2
32's in 1-lb. cartons .....lb.	.78	.79 1/2
Cases of 100 blocks .....lb.	—	.77
Japan, refined, 2 1/4-lb. slabs lb.	.74	.75
Monobromated .....lb.	2.50	2.55
Cantharides, Chinese .....lb.	1.00	1.05
Powdered .....lb.	1.20	1.30
Russian .....lb.	4.35	4.45
Powdered .....lb.	4.70	4.80
Carbon bisulphide, bulk .....lb.	.07 1/2	.08
Casein, C. P. ....lb.	.44	.50
Cerium Oxalate .....lb.	.60	.61
Chalk, prec. light, English.....lb.	.04 1/2	.05
Heavy .....lb.	.03 1/2	.04 1/2
Chloral Hydrate .....25-lb. jars	—	1.65
Charcoal Willow, powdered.....lb.	.05	.06 1/2
Wood, powdered .....lb.	.07	.07 1/2
Chlorine, liquid .....lb.	.14	.15
Chloroform, drums .....lb.	—	.70
Chrysarobin, U. S. P. ....lb.	6.20	6.45
Cinchonidin, Alk. ....oz.	—	.51
Cinchonine, Alk., crystals .oz.	—	.34
Sulphate .....oz.	—	.35
Cinnabar .....lb.	—	3.45
Civet .....lb.	1.95	2.15
Cobalt, pow'd (Fly Poison).....lb.	.45	.49
Oleate .....oz.	.85	.96
*Cocaine, alkaloid, 1 oz. v. .oz.	—	—
Hydrochloride, 5oz.cans incl. oz.	—	9.10
Cocoa Butter, bulk .....lb.	.25 1/2	.26 1/2
Cases, fingers .....lb.	.29	.32
Codeine, alk., 1/4-oz. vials .oz.	—	11.25
Bulk .....oz.	—	11.35
Nitrate, 1/4-oz. vials .....oz.	—	10.15
Bulk .....oz.	—	9.95
Phosphate, 1/4-oz. vials .....oz.	—	8.50
Bulk .....oz.	—	8.30
Sulphate, 1/4-oz. vials .....oz.	—	9.05
Bulk .....oz.	—	8.85
Collodion, U.S.P. ....lb.	.66	.67
Flexible, U.S.P. ....lb.	.72	.73
Colocynth, Trieste, whole .....lb.	.29	.30
Pulp, U.S.P. ....lb.	.35	.44
*Spanish Apples .....lb.	—	—
Copper Chloride, pure cryst. lb.	.55	.60
Oleate, powdered 20 p.c. lb.	—	1.50
Corrosive Sublimite, see Mercury.	—	—
Cotton Soluble .....lb.	.79	1.00
Coumarin, refined .....lb.	20.00	22.00
Cream of Tartar, cryst.U.S.P.lb.	—	.54 1/2
Powdered, 99 p.c. ....lb.	—	.54
Creosote, U.S.P. ....lb.	1.95	2.00
*Carbonate .....lb.	26.00	27.50
Cresol, U.S.P. ....lb.	.20	.21
Cuttlefish Bones, Trieste.....lb.	.36	.38
Jewellers large .....lb.	1.32	1.34
Small .....lb.	1.15	1.19
French .....lb.	.37	.38
Dover's Powder, U.S.P. ....lb.	2.80	3.00
Dragon's Blood, Mass .....lb.	.39	.60
Reeds .....lb.	3.45	3.70
Emetine, Alk., 15 gr. vials.ea.	—	2.75
*Nominal.	—	—

Emetine, hydrochloride, U.S.P., 15 gr. vials .....ea.	—	1.80
Epsom Salts (see Mag. Sulph.)	—	—
Ergot, Russian .....lb.	.72	.74
Spanish .....lb.	.69	.71
Ether, U. S. P., 1900 .....lb.	—	.31
U. S. P., 1880 .....lb.	—	.35
Washed .....lb.	—	.31
Eucalyptol .....lb.	1.34	1.40
Formaldehyde .....lb.	.18	.18 1/2
Gelatin, silver .....lb.	1.45	1.60
*Gold .....lb.	—	—
Glycerin, C. P., bulk .....lb.	—	—
Drums and bbls. added .....lb.	.70	.71
C. P. in cans .....lb.	.71 1/2	.72
Dynamite, drums included lb.	.68	.69 1/2
Saponification, loose .....lb.	—	—
Soap, Lye, loose .....lb.	—	—
Grains of Paradise .....lb.	—	—
Guaiacol, liquid .....lb.	15.00	16.00
Guarana .....lb.	1.00	1.08
Gun Cotton .....oz.	.18	.20
*Haarlem Oil, bottles .....gross	—	—
Hexamethylenetetramine .....lb.	.80	.85
*Hops, N. Y., 1917, prime.....lb.	.86	.90
Pacific Coast, 1917, Prime lb.	.41	.43
Hydrogen Peroxide, U.S.P., 10gr.lots	—	—
4-oz. bottles .....gross	—	7.50
12-oz. bottles .....gross	—	16.50
16-oz. bottles .....gross	—	20.00
Hydroquinone .....lb.	2.00	2.10
Ichthyol .....lb.	—	—
Iodine, Resublimed .....lb.	4.30	4.40
Iodoform, Powdered, bulk .....lb.	—	5.00
Crystals .....lb.	—	5.55
Iron Hypophosphite .....lb.	2.25	2.27
Iodide .....lb.	—	4.05
Sub-sulphate .....lb.	.15	.29
Isinglass, American .....lb.	.79	.80
Japanese .....lb.	.45	.53
Russian .....lb.	3.95	4.00
Kamala, U. S. P. ....lb.	—	2.25
Kaolin .....lb.	.02	.08
Kola Nuts, West Indies .....lb.	.14	.14 1/2
Lanolin, hydrous, cans .....lb.	.35	.40
Anhydrous, cans .....lb.	.45	.50
Lead Carbonate, med. ....lb.	.45	.50
Chloride .....lb.	.55	.60
Iodide, U.S.P. ....lb.	—	2.95
Licorice, Mass, Syrian .....lb.	.25	.29
*Sticks, bbls. Corigliano .....lb.	.49	.54
Lupulin, U.S.P. ....lb.	2.45	3.00
Lycopodium, U.S.P. ....lb.	2.10	2.35
Magnesium Carbonate, kegs lb.	.17	.21
Glycerophosphate .....lb.	—	4.60
Hypophosphite .....lb.	2.00	2.15
Iodide .....lb.	—	4.85
Oxide, tins, light .....lb.	—	1.10
Peroxide, cans .....lb.	—	2.15
Salicylate .....lb.	1.30	1.37
Sulphate, Epsom Salts, cryst. lb.	—	.33
U.S.P. ....100 lbs.	3.62	3.90
Manganese Glycerophos .....lb.	4.50	4.70
Hypophosphite .....lb.	1.65	1.70
Iodide .....lb.	—	4.85
Peroxide .....lb.	.70	.75
Sulphate, crystals .....lb.	.62	.68
Manna, large flake .....lb.	.95	1.00
Small flake .....lb.	.69	.71
Menthol, Japanese .....lb.	3.18	3.24
Mercury, flasks, 75 lbs. ....ea.	—	100.00
Bisulphate .....lb.	—	1.50
Blue Mass .....lb.	—	.83
Powdered .....lb.	—	.83
Blue Ointment, 30 p.c. ....lb.	—	.86
50 p.c. ....lb.	—	1.18
Calomel, American .....lb.	—	1.91
Corrosive Sublimite, cryst. lb.	—	1.76
Powdered, Granular .....lb.	—	1.71
Iodide, Green .....lb.	—	4.10
Red .....lb.	—	4.20
Yellow .....lb.	—	4.10
Red Precipitate .....lb.	—	2.10
Powdered .....lb.	—	2.20
White Precipitate .....lb.	—	2.20
Powdered .....lb.	—	2.25
*Nominal.	—	—

Drugs & Chemicals, Heavy Chemicals and Dyestuffs in Original Packages

Methylene Blue, medicinal ..lb.	12.00	-14.00
Milk, powdered ..lb.	.16	— .19
Mirbane Oil, refined, drums lb.	.19	— .20
Morphine, Acet. 5-oz. cans. oz.	—	-12.80
Diacet. Hydroch. 5-oz. cans. oz.	—	-15.90
Sulphate, 5-oz. cans ..oz.	—	-12.80
1/4-oz. vials ..oz.	—	-13.00
Diacetyl, Alk., 5-oz. cans. oz.	—	-17.65
Hydrochloride, 1/4-oz. vial oz.	—	-17.85
*Ethyl Hydrochloride, 1-oz. v. oz.	—	—
Moss, Iceland ..lb.	—	—
Irish ..lb.	.10	— .11
Musk, pods, Cab ..oz.	10.00	-10.50
Tonquin ..oz.	20.00	-20.25
Grain Cab ..oz.	29.25	-29.75
Tonquin ..oz.	27.50	-28.00
Druggists ..lb.	11.50	-12.75
Synthetic ..lb.	.10	— .10 1/2
Naphthalene, flake ..lb.	.10	— .12
Balls ..lb.	.27	— .29
Nickel and Ammon. Sulphate lb.	.12	— .13
Sulphate ..lb.	.17	— .18
Nux Vomica, whole ..lb.	—	—
Powdered ..lb.	—	-32.00
*Opium, cases ..lb.	—	-30.00
"Jobbing lots" ..lb.	—	—
Granular ..lb.	1.50	-1.55
Powdered, U.S.P. ..lb.	3.45	-4.00
Oxgall, pur. U.S.P. ..lb.	3.00	-3.50
Papain ..lb.	.40	— .42
Paraffin White Oil, U. S. P. gal.	.04 1/2	— .05
Paris Green, kegs ..lb.	.09 1/2	— .10 1/2
Petrolatum, light amber bbls. lb.	9.50	-10.50
Cream ..lb.	1.70	— 1.80
Lily White ..lb.	1.30	-1.80
Snow White ..lb.	.85	— .95
Phenolphthalein ..lb.	1.30	-1.80
Phosphorus, yellow ..lb.	1.30	-1.80
Red ..lb.	1.30	-1.80
*Pilocarpine, Alk., 10 gr. v. -gr.	1.30	-1.80
Piperin ..lb.	1.30	-1.80
Poppy Heads ..lb.	1.30	-1.80
Potassium acetate ..oz.	1.30	-1.80
Bicarb. ..lb.	1.30	-1.80
Biulphate ..lb.	1.30	-1.80
C. P. ..lb.	1.30	-1.80
Bromide (bulk, gran.) ..lb.	1.30	-1.80
Citrate, bulk ..lb.	1.30	-1.80
Glycerophosphate, bulk ..oz.	1.30	-1.80
Hypophosphite, bulk ..oz.	1.30	-1.80
Iodide, bulk ..lb.	1.30	-1.80
Lactophosphate ..oz.	1.30	-1.80
Permanganate, U.S.P. ..lb.	1.30	-1.80
Salicylate ..lb.	1.30	-1.80
Sulphate, C.P. ..lb.	1.30	-1.80
Tartrate, powdered ..lb.	1.30	-1.80
Quinine, Sulph. 100 oz. tins. oz.	—	-75
9-oz. tins ..oz.	—	-75 1/2
25-oz. tins ..oz.	—	-76
5-oz. tins ..oz.	—	-77
100 tins ..oz.	—	-80
Second Hands ..oz.	.82	— .84
*Amsterdam ..oz.	—	—
*German ..oz.	—	—
*Java ..lb.	—	—
Quinidine Alk. crystals, tins oz.	—	-80
Sulphate, tins ..oz.	—	-40
Resorcin crystals, U. S. P. lb.	10.00	-10.25
Rochelle Salt, crystals, bxs. lb.	—	-57
Powdered, bbls. ..lb.	.40	— .40 1/2
Rose Water, triple dist., dem lb.	7.45	-7.50
Rotten Stone, pow'd, bbls. ..lb.	.82 1/2	— .04
Saccharin, U.S.P., soluble ..lb.	41.00	-43.00
U.S.P., Insoluble ..lb.	45.00	-46.00
Saffrol ..lb.	16.00	-17.00
Salicin, bulk ..lb.	—	-1.60
Salol, U.S.P., bulk ..lb.	—	-1.60
Sandalwood ..lb.	.18	— .19
Ground ..lb.	.20	— .22
Santonin, cryst., U.S.P. ..lb.	36.25	-37.25
Powdered ..lb.	36.75	-37.75
Scammony, resia ..lb.	2.50	-2.80
Powdered ..lb.	2.70	-3.00
Sedlitz Mixture, bbls. ..lb.	.30	— .30 1/2
Silver Nitrate 500-oz. lots ..oz.	—	-53 1/2
Stieks (Lunar Caustic) ..oz.	.41	— .42
Oxide ..oz.	.96	— 1.01
Soap, Castile, white, pure ..lb.	.36	— .37
Marseilles, white ..lb.	.18	— .19
Green, pure ..lb.	.17	— .18
Ordinary ..lb.	.14	— .15

*Nominal.

Soap, Castile, Mottled, pure lb.	.15	— .16
Ordinary ..lb.	.12	— .13
Sodium, Acetate, U.S.P., gran. lb.	.25	— .29
Benzoate, gran., U.S.P. ..lb.	2.00	-2.15
Bicarb. U.S.P., powd., bbls. lb.	.03	— .03 1/2
Bromide, U.S.P., bulk ..lb.	.55	— .56
Cacodylate ..oz.	2.50	-3.50
Citrate, U. S. P., cryst. ....lb.	—	— .85
Granular, U. S. P. ....lb.	—	— .95
Glycerophosphate, crystals. lb.	2.65	-2.70
Hypophosphite, U.S.P. ....lb.	1.10	-1.15
Iodide, bulk ..lb.	—	-3.90
Phosphate, U.S.P., gran. ....lb.	—	-1.13
Recrystallized ..lb.	.17	— .18
Dried ..lb.	.25	— .26
*Salicylate, U.S.P. ....lb.	—	—
Sulph. (Glauber's Salt) ..lb.	—	-1.12
Tungstate ..lb.	—	-1.50
Spermaceti, blocks ..lb.	.24	— .25
Spirit Ammonia, U. S. P. ....lb.	.45	— .55
Aromatic, U. S. P. ....lb.	.47	— .50
Nitrous Ether, U. S. P. ....lb.	.48	— .49
Ether Comp. ....lb.	—	-1.65
Starch, Corn Pearl, bags ..cwt.	5.55	-5.58
Potato, granulated ..lb.	.13 1/2	— .14
Storax, liquid, cases ..lb.	4.50	-5.00
Strontium Bromide, bulk ..lb.	.75	— .76
Iodide, bulk ..lb.	—	-3.50
Nitrate ..lb.	.22 1/2	— .23 1/2
Salicylate, U.S.P. ....lb.	1.25	-1.30
Strychnine Alk., cryst., 1/4 vial. oz.	—	-2.35
Acetate ..oz.	—	-2.35
Nitrate ..oz.	—	-2.35
Sulphate, crystals, bulk ..oz.	—	-2.05
Sugar of Milk, powdered ..lb.	.44	— .45
Sulphonal, 100 oz. lots ..lb.	1.25	-1.50
Sulphonethylmethane, U.S.P. lb.	15.00	-16.00
Sulphonmethane, U.S.P. ....lb.	13.45	-14.50
Sulphur, bbls. roll ..100 lbs.	3.70	-4.00
Flour ..100 lbs.	3.85	-4.15
Flowers ..100 lbs.	4.00	-4.50
Tamarinds ..lb.	.07	— .07 1/2
*Kegs ..per keg	3.70	-4.10
Tar, Barbadoes ..gal.	.90	— 1.00
North Carolina, 1 pt. ....doz.	—	-85
Tartar Emetic, U.S.P. ....lb.	.66	— .70
Casks ..lb.	.60	— .63
Terpinoel ..lb.	.56	— .60
Thymol, crystals, U.S.P. ....lb.	17.50	-17.75
Iodide, U.S.P., bulk ..lb.	—	-16.55
Tin crystals, bbls. ....lb.	.39	— .39 1/2
Bichloride, bbls. ....lb.	.18 1/2	— .19
Oxide, 500 lb. bbls. ....lb.	.68	— .68 1/2
Toluol, See Coal Tar Crudes.	—	—
Turpentine, Venice, True ..lb.	3.65	-3.70
Artificial ..lb.	.12	— .13
Spirits, see Naval Stores.	—	—
Vanillin ..oz.	.70	— .72
Witch Hazel Ext., dble dist., bbl.	1.10	-1.15
Zinc Carbonate ..lb.	.23	— .24
Chloride ..lb.	.16	— .17
Iodide, bulk ..lb.	—	-4.00
Metallic, C. P. ....lb.	.45	— .75
Oxide, Powd. U.S.P., bbls. lb.	.41	— .44
Permanganate ..lb.	4.75	-5.00
Salicylate ..lb.	—	-3.25
C. P. ....lb.	.15	— .18
Sulphate ..lb.	.06 1/2	— .07

Acids

Acetic, 56 p.c. ....lb.	.11 1/2	— .12
Glacial, 99 p.c., carboys ..lb.	.36	— .37
*Benzoic, from gum ..lb.	—	—
ex. Toluol ..lb.	2.75	-3.00
Boric, cryst., bbls. ....lb.	.13	— .14
Powdered, bbls. ....lb.	.13	— .14
Butyric, Tech., 60 p.c. ....lb.	1.45	-1.55
Camphoric ..lb.	4.35	-4.45
*Carbolic, cryst., U.S.P., drs. lb.	.54	— .55
1-lb. bottles ..lb.	.59 1/2	— .60
5-lb. bottles ..lb.	.56 1/2	— .57 1/2
50 to 100-lb. tins ..lb.	.54 1/2	— .55 1/2
Chrysophanic ..lb.	6.20	-6.35
*Nominal.	—	—

Citric crystals, bbls. ....lb.	.72	— .73
Powdered ..lb.	.72 1/2	— .73
Cresylic, 95-100 p.c. ....gal.	1.10	-1.15
Chromic, 85 p.c. ....lb.	1.25	-1.50
German ..lb.	—	—
*Formic, 75 p.c., tech. ....lb.	.40	— .45
Gallic, U.S.P., bulk ..lb.	1.50	-1.55
Glycerophosphoric ..lb.	3.45	-5.00
Hydriodic, sp. g. 1.150. ....oz.	.25	— .30
Hydrobromic, Conc. ....lb.	7.40	-2.45
Hydrocyanic, U.S.P. ....lb.	.35	— .40
Dilute 3 p.c. ....lb.	.20	— .25
Hypophosphorous, 50 p.c. ....lb.	2.05	-2.10
U. S. P., 10 p.c. ....lb.	.53	— .55
Lactic, U. S. P., 75 p.c. ....lb.	3.40	-3.45
Molybdcic, C.P. ....lb.	6.90	-7.40
Muriatic, 20 deg. carboys. ....lb.	.02	— .02 1/2
Nitric, C.P., 42 deg. carboys. ....lb.	.09 1/2	— .10 1/2
Nitro Muriatic ..lb.	.20	— .23
Oleic, purified ..lb.	.25	— .28
Oxalic, cryst., bbls. ....lb.	.45	— .48
Picric, kegs ..lb.	.85	-1.00
Phosphoric, U. S. P. ....lb.	.65	— .75
Pyrogallol, resublimed ..lb.	3.15	-3.25
Crystals, bottles ..lb.	2.95	-3.15
Pyroligneous, purified ..lb.	—	— .06
*Technical ..gal.	.12	— .12 1/2
*Salicylic, bulk, U.S.P. ....lb.	.80	-1.40
Stearic, triple pressed ..lb.	.25	— .27
Sulphuric, C.P. ....lb.	.07	— .08
Sulphurous ..lb.	.03	— .05
Tannic, U.S.P., bulk ..lb.	1.30	-1.36
Tartaric Crystals, U.S.P. ....lb.	.78	— .81 1/2
Powdered, U.S.P. ....lb.	.77 1/2	— .81

Essential Oils

Almond, bitter ..lb.	15.00	-16.00
Artificial, chlorine traces. lb.	5.15	-5.30
Free from chlorine ..lb.	5.00	-6.00
Amber, crude ..lb.	1.40	-1.55
Rectified ..lb.	1.70	-1.95
Anise ..lb.	1.05	-1.10
Bay ..lb.	2.40	-2.50
*Bergamot ..lb.	6.00	-6.50
Synthetic ..lb.	3.50	-4.00
Bois de Rose ..lb.	5.00	-4.80
Cade ..lb.	1.00	-1.10
Cajuput, bottle, Native, ca. ..lb.	.80	— .90
Camphor, heavy gravity ..lb.	.12	— .15
Japanese, white ..lb.	.16	— .18
Caraway ..lb.	8.10	-8.60
Cassia, 75-80 p.c. tech. ....lb.	1.48	-1.50
Lead Free ..lb.	1.60	-1.75
Redistilled, U.S.P. ....lb.	2.00	-2.05
Cedar Leaf ..lb.	1.10	-1.20
Cedar Wood ..lb.	.16	— .18
Cinnamon, Ceylon, heavy ..lb.	22.00	-24.00
Citronella, Ceylon, drums ..lb.	.53	— .54
Java ..lb.	.85	— .95
Cloves, cans ..lb.	4.00	-4.10
Bottles ..lb.	4.10	-4.15
Copaiba ..lb.	1.00	-1.05
Coriander ..lb.	15.00	-16.00
Cubeb ..lb.	6.75	-7.00
Cumin ..lb.	4.50	-4.60
Erigeron ..lb.	1.75	-1.85
Eucalyptus, Australian ..lb.	.65	— .75
Fennel, sweet ..lb.	3.75	-4.00
Geranium, rose, African ..lb.	5.50	-6.00
Bourbon ..lb.	5.25	-5.50
*Turkish ..lb.	4.00	-4.50
Ginger ..lb.	8.00	-8.50
*Gingergrass ..lb.	1.80	-2.10
Hemlock ..lb.	.95	— 1.05
Juniper Berries, rect. ....lb.	15.00	-16.00
Twice rect. ....lb.	17.00	-18.00
Wood ..lb.	2.00	-2.50
Lavender Flowers ..lb.	5.00	-5.75
Spike ..lb.	.90	-1.25
Garden ..lb.	.75	— 1.00
Lemon, U.S.P. ....lb.	1.05	-1.10
Lemongrass ..lb.	1.35	-1.40
Limes, Expressed ..lb.	6.15	-6.50
Distilled ..lb.	2.75	-3.00
Linaloe ..lb.	3.00	-3.50
Mace, distilled ..lb.	1.55	-1.60
*Malefern ..lb.	13.00	-15.00
*Mustard, natural ..lb.	—	-26.00
Artificial ..lb.	23.00	-25.00
Neroli, bigarade ..lb.	60.00	-75.00
Petale ..lb.	70.00	-90.00
Artificial ..lb.	18.00	-25.00
Nutmeg ..lb.	1.55	-1.60
Orange, bitter, W. Indian. ..lb.	2.40	-2.60
Sweet, West Indian ..lb.	2.40	-2.50
Italian, sweet ..lb.	2.70	-2.90
Origanum, Imitation ..lb.	.22	— .30
*Patchouli ..lb.	26.00	-28.00
Pennyroyal, American ..lb.	1.80	-1.90
Imported ..lb.	1.25	-1.50
*Neminal.	—	—

Drugs & Chemicals, Heavy Chemicals and Dyestuffs in Original Packages

Peppermint, tins	lb.	3.50	- 4.00
Petit Grain, So. American ..	lb.	3.50	- 3.60
French	lb.	6.50	- 8.00
Pimento	lb.	2.75	- 3.25
Pine Needles	lb.	2.20	- 2.30
Rose, natural	oz.	25.00	-28.00
Synthetic	oz.	2.90	- 3.10
Rosemary, French	lb.	.85	- .90
Safron	lb.	.40	- .45
Sandalwood, East Indian ..	lb.	11.50	-12.00
West Indian	lb.	-	-10.00
Sassafras, natural	lb.	1.10	- 1.25
Artificial	lb.	-	- .30
*Savin	lb.	-	- 6.50
Spearmint	lb.	3.50	- 3.75
*Spruce	lb.	.90	- 1.00
Tansy	lb.	3.00	- 3.25
Thyme, red, French	lb.	1.40	- 1.60
White, French	lb.	1.60	- 1.70
Wine, Ethereal, light	lb.	2.50	- 3.00
Heavy	lb.	8.00	- 9.00
Wintergreen, leaves, true ..	lb.	4.25	- 4.50
Birch, Sweet	lb.	2.30	- 2.50
Synthetic, U.S.P., bulk ..	lb.	.85	- .95
Wormseed	lb.	8.00	- 8.50
Wormwood	lb.	4.25	- 4.50
Ylang Ylang, Bourbon	lb.	11.50	-12.50
Manila	lb.	30.00	-40.00
Artificial	lb.	10.00	-24.00

OLEORESINS

Aspidium (Malefern)	lb.	11.00	-11.25
Capicum, 1-lb. bottles	lb.	4.50	- 5.50
Cubeb	lb.	5.00	- 6.00
Ginger	lb.	3.50	- 4.50
*Lupulin	lb.	-	-
*Parsley Fruit (Petroselinum) ..	lb.	6.75	- 7.50
Pepper, black	lb.	10.50	-11.75
Mullein (so-called)	lb.	1.80	- 2.05
Orris, domestic	lb.	4.50	- 7.00

Crude Drugs

BALSAMS

Copaiba, Para	lb.	.65	- .67
South American	lb.	.94	- .98
Fir, Canada	gal.	5.80	- 6.25
Oregon	gal.	1.15	- 1.25
Peru	lb.	4.35	- 4.40
Tolu	lb.	.52 1/4	- .60

BARKS

Angostura	lb.	.61	- .66
Basswood Bark, pressed	lb.	.19	- .21
Blackhaw, of root	lb.	.20	- .21
of Tree	lb.	.09	- .10
Buckthorn	lb.	.24	- .26
Calisaya	lb.	.17 1/2	- .21
Cascara Sagrada	lb.	.13	- .15
Cascarilla, quills	lb.	.24	- .25
Siftings	lb.	.12	- .14
Chestnut	lb.	.07	- .08
Cinchona, red, quills	lb.	.55	- .65
Broken	lb.	.55	- .55
Yellow "quills"	lb.	.55	- .56
*Broken	lb.	-	-
Loxa, pale, bs.	lb.	.30	- .31
Powdered, boxes	lb.	.31	- .33
*Maracaiho, yellow, powd. lb.	lb.	.35	- .40
Condurango	lb.	.13 1/4	- .15
Cotton Root	lb.	.08 1/2	- .09
Cramp, true	lb.	.30	- .32
Cramp (so-called)	lb.	.12	- .16
Dogwood, Jamaica	lb.	.05 1/2	- .06
Elm, grinding	lb.	.08	- .09
Select bds.	lb.	.17	- .18
Ordinary	lb.	.10	- .11
Hemlock	lb.	.00 1/4	- .00 1/4
Lemon Peel	lb.	.08	- .09
Mezerion	lb.	.22	- .26
Oak, red	lb.	.05 1/2	- .07 1/2
White	lb.	.03	- .05
Orange Peel, bitter	lb.	.04 1/2	- .05 1/2
Sweet	lb.	.13 1/2	- .14
Trieste	lb.	.12 1/2	- .13
Prickly Ash, Southern	lb.	.11	- .11 1/2
Northern	lb.	.15	- .17
Pomegranate	lb.	.24	- .25
of Fruit	lb.	.30	- .32
*Quebracho	lb.	-	-
Sassafras, ordinary	lb.	.07	- .12
Select	lb.	.14	- .15 1/4
*Simaruba	lb.	-	-
Soap, whole	lb.	.08 1/2	- .09
Cut	lb.	.15	- .15 1/2
Crushed	lb.	.10	- .10 1/2
Tonga	lb.	.49	- .50
Wahoo, of Root	lb.	.44	- .49
of Tree	lb.	.14	- .16
Willow, Black	lb.	.04	- .10
White	lb.	.16	- .14 1/2
White Pine	lb.	.16	- .06 1/2
White Poplar	lb.	.03 1/2	- .04
*Nominal.			

Wild Cherry	lb.	.07 1/2	- .10
Witch Hazel	lb.	.03 1/2	- .04 1/2

BEANS

Calabar	lb.	.39	- .49
St. Ignatius	lb.	.24	- .26
St. John's Bread	lb.	.07	- .07 1/2
Tonka, Angostura	lb.	.87	- .93
Para	lb.	.64	- .69
Surinam	lb.	.70	- .74
Vanilla, Mexican, whole ..	lb.	4.95	- 6.70
Cuts	lb.	3.60	- 4.00
Bourbon	lb.	2.05	- 2.70
South American	lb.	3.10	- 3.20
Tahiti, white Label	lb.	1.50	- 1.55
Green label	lb.	1.45	- 1.50

BERRIES

Cubeb, ordinary	lb.	.94	- .96
XX	lb.	1.00	- 1.02
Powdered	lb.	1.01	- 1.05
Fish	lb.	.10	- .11
Horse, Nettle, dry	lb.	.29	- .32
Juniper	lb.	.06 1/2	- .07
Laurel	lb.	.08	- .08 1/2
Poke	lb.	.10	- .10 1/2
Prickly Ash	lb.	.11 1/2	- .12 1/2
Saw Palmetto	lb.	.09 1/4	- .10 1/4
*Sloe	lb.	-	-
Sumac	lb.	.05	- .06

FLOWERS

Arnica	lb.	1.90	- 1.95
Powdered	lb.	1.95	- 2.00
Borage	lb.	.60	- .65
*Calendula	lb.	.45	- .50
Chamomile, Belgian	lb.	.45	- .50
German	lb.	.50	- .55
Hungarian	lb.	.45	- .50
Roman	lb.	1.20	- 1.30
Spanish	lb.	.40	- .50
Clover Tops	lb.	.31	- .32
Dogwood	lb.	.14	- .15
Elder	lb.	.28	- .29
Insect, open	lb.	.28	- .29
*Closel	lb.	.33	- .35
*Powd. Flowers and stems ..	lb.	.29	- .34
*Powd. Flowers	lb.	.39	- .44
*Kousou	lb.	-	-
Lavender, ordinary	lb.	.18	- .19
Select	lb.	.27	- .30
Linden, with leaves	lb.	.30	- .35
Malva, blue	lb.	3.95	- 4.00
*Black	lb.	.53	- .60
*Mullein	lb.	-	-
Orange	lb.	1.20	- 1.25
Ox-Eye, Daisy	lb.	.05	- .05 1/2
Patchouli	lb.	.70	- .80
Poppy, red	lb.	.95	- 1.15
*Rosemary	lb.	-	-
Saffron, American	lb.	.50	- .55
Valencia	lb.	11.45	-11.90
Tilia (see Linden)			

GUMS

Aloes, Barbados	lb.	1.00	- 1.10
Cape	lb.	.10	- .11
Curacao, cases	lb.	.09	- .10
Scotrine, lump	lb.	.40	- .41
Ammoniac, tears	lb.	.60	- .70
Powdered	lb.	.65	- .75
Arabic, firsts	lb.	.55	- .60
*Seconds	lb.	-	-
Sorts Amber	lb.	.34	- .35
Powdered	lb.	.35	- .40
Asaetida, whole U. S. P.	lb.	1.45	- 1.60
Powdered, U. S. P.	lb.	1.80	- 1.85
Benzoins, Siam	lb.	1.35	- 1.50
Sumatra	lb.	.33	- .36
*Catechu	lb.	.24	- .29
Chicle, Mexican	lb.	-	-
Damar Batavia, No. 1	lb.	.21	- .23
Euphorbium	lb.	.20	- .22
Powdered	lb.	.25	- .26
Galbanum	lb.	1.45	- 1.50
Gamboge	lb.	2.40	- 2.45
Guaiac	lb.	.38	- .48
Hemlock	lb.	.80	- .90
Kauri No. 1	lb.	.43	- .44
Kino	lb.	.30	- .35
Mastic, powdered	lb.	.59	- .60
Myrrh, select	lb.	.49	- .50
Sorts	lb.	.42	- .43
Siftings	lb.	.39	- .40
Olibanum, siftings	lb.	.12	- .14
Tears	lb.	.17	- .19
Sandarac	lb.	.47	- .49
Senegal, picked	lb.	-	-
Sorts	lb.	.34	- .39
Spruce	lb.	.65	- .95
Thus, per bbl.	280-lbs.	9.75	-10.25
Tragacanth, Aleppo, first ..	lb.	2.30	- 2.50
Seconds	lb.	1.94	- 2.00
Thirds	lb.	1.45	- 1.85
*Nominal.			

*Turkey, firsts	lb.	-	- 2.80
*Seconds	lb.	2.20	- 2.25
*Thirds	lb.	1.95	- 2.00

LEAVES AND HERBS

*Aconite, German	lb.	.18	- .21
Balmory	lb.	.09	- .10
Bay, true	lb.	1.00	- 1.04
Belladonna	lb.	1.65	- 1.75
Boneseet, leaves and tops ..	lb.	.09	- .10
Buchu, short	lb.	1.20	- 1.25
Long	lb.	1.30	- 1.35
Cannabis, true, imported ..	lb.	2.90	- 3.00
American	lb.	.70	- .85
Catnip	lb.	.04	- .08
Chestnut	lb.	.05	- .06
Chiretta	lb.	.40	- .41
*Coca, Huanuco	lb.	.45	- .50
*Truxillo	lb.	.42	- .48
Coltsfoot	lb.	.20	- .22
Conium	lb.	.20	- .20 1/2
Corn, Silk	lb.	.09 1/2	- .10 1/2
Damiana	lb.	1.14 1/2	- .15 1/2
Deer Tongue	lb.	.08	- .09
Digitalis, Domestic	lb.	.49	- .50
Imported	lb.	.70	- .73
Eucalyptus	lb.	.06	- .06 1/2
Euphorbia Pilulifera	lb.	.21	- .23
Grindelia Robusta	lb.	.08	- .10 1/2
*Hemban, German	lb.	4.65	- 4.75
*Russian	lb.	4.95	- 5.00
Domestic	lb.	4.70	- 4.75
Henna	lb.	.13	- .14
Horhound	lb.	.20	- .22
Jaborandi	lb.	.24	- .27
Laurel	lb.	.11 1/2	- .11 1/4
Life Everlasting	lb.	.06	- .07
Liverwort	lb.	.55	- .60
Lobelia	lb.	.08 1/2	- .09
Lovage	lb.	.28	- .33
Matico	lb.	.26	- .29
Marjoram, German	lb.	-	-
French	lb.	-	-
Pennyroyal	lb.	.06	- .08
Peppermint, American	lb.	.16	- .17
Pichi	lb.	.09	- .10
Prince's Pine	lb.	.08 1/2	- .10 1/4
Plantain	lb.	.10	- .10 1/2
*Pulsatilla	lb.	7.45	- 7.50
Queen of the Meadow	lb.	.08	- .09
Rose, red	lb.	1.25	- 1.30
Rosemary	lb.	.22	- .23
Rue	lb.	.38	- .48
*Sage, stemless, Austrian ..	lb.	-	-
*Grinding	lb.	-	-
Greek	lb.	.30	- .35
Spanish	lb.	.19	- .19 1/2
Savory	lb.	-	-
Senna, Alexandria, whole ..	lb.	.75	- .80
Hb. Leaf	lb.	.68	- .71
Siftings	lb.	.38	- .39
Powdered	lb.	.53	- .58
Tinnevely	lb.	.15	- .21
Pods	lb.	.20	- .24
Squaw Vine	lb.	.18	- .20
Skullcap	lb.	.15	- .17
Spearmint, American	lb.	.20	- .22
Stramonium	lb.	.23	- .25
Stonewort, Jap.	lb.	.05 1/2	- .05 1/4
Domestic	lb.	.04 1/2	- .04 1/4
Tansy	lb.	.08 1/2	- .10 1/2
Thyme, Spanish	lb.	.08	- .08 1/2
French	lb.	.12 1/2	- .13
Uva Ursi	lb.	.05	- .06
Water Pepper	lb.	.06	- .07
Witch Hazel	lb.	.07	- .07 1/2
Wintergreen	lb.	.07	- .08
Wormwood	lb.	.23	- .25
Yerba Santa	lb.	.06 1/2	- .07 1/2

ROOTS

Aconite, English	lb.	.45	- .46
*Powdered	lb.	.70	- .74
*German	lb.	.69	- .75
*Powdered	lb.	.74	- .80
*Alkanet	lb.	1.95	- 2.40
Althea, cut	lb.	.50	- .54
Whole	lb.	.37	- .40
Angelica, American	lb.	.45	- .46
*German	lb.	-	-
Arnica	lb.	.50	- .58
Arrowroot, American	lb.	.07	- .07 1/2
Bermuda	lb.	.50	- .51
St. Vincent	lb.	.12	- .12 1/2
Bambo Brier	lb.	.08	- .07
Bearsfoot	lb.	.04 1/2	- .05
Belladonna	lb.	3.55	- 4.05
Powdered	lb.	3.60	- 4.10
Berberis, aq.	lb.	.15	- .16
Beth	lb.	.14	- .18
Bitter	lb.	.16	- .18
Blackhaw Bark of Root ..	lb.	.20	- .21
Blood	lb.	.14	- .15
*Nominal.			

Drugs & Chemicals, Heavy Chemicals and Dyestuffs in Original Packages

Blueflag	lb.	.25	—	.27
Bryonia	lb.	.39	—	.49
Burdock, imported	lb.	.25	—	.29
American	lb.	.18	—	.20
Calamus, bleached	lb.	2.70	—	2.90
Unbleached, natural	lb.	.24	—	.26
Cohosh, black	lb.	.07	—	.08
Blue	lb.	.07	—	.08
Colchicum	lb.	2.70	—	2.75
Colombo, whole	lb.	.14	—	.16
Comfrey	lb.	.15	—	.16
Culver's	lb.	.12	—	.12½
Cranebill see Geranium.				
Dandelion, English	lb.	—	—	.40
American	lb.	—	—	.37
Doggrass, true, imported	lb.	1.30	—	1.50
Bermuda, cut	lb.	.65	—	.70
Echinacea	lb.	.36	—	.38
Elecampane	lb.	.09	—	.11
Ganagal	lb.	.18	—	.20
Gelsemium	lb.	.10	—	.11
Gentian	lb.	.14	—	.16
Geranium	lb.	.18	—	.20
Ginger, Jamaican, unbleached	lb.	.18	—	.22½
Bleached	lb.	.23	—	.24
Ginseng, Cultivated	lb.	4.10	—	4.50
Wild, Eastern	lb.	6.20	—	6.45
Northwestern	lb.	6.45	—	6.70
Southern	lb.	6.50	—	7.20
Golden Seal	lb.	5.75	—	5.85
Powdered	lb.	6.00	—	6.25
Helibore, Black	lb.	1.25	—	1.35
White, Domestic	lb.	.24	—	.26
Powdered	lb.	.24	—	.26
Imported	lb.	.24	—	.44
Ipecac, Cartagena	lb.	2.45	—	2.50
Powdered	lb.	2.70	—	2.75
Rio	lb.	2.50	—	2.75
Jalap, whole	lb.	.45	—	.50
Powdered	lb.	.50	—	.55
Kava Kava	lb.	.18½	—	.19
*Lady Slipper	lb.	.70	—	.75
Licorice, Russian, cut	lb.	.80	—	.90
Spanish natural, bales	lb.	.17½	—	.18½
Selected	lb.	.25	—	.26
Powdered	lb.	.19	—	.23
Lovage, Amer.	lb.	.38	—	.40
Manaca	lb.	.21	—	.23
Mandrake	lb.	.09	—	.09½
*Musk, Russian	lb.	4.95	—	5.00
Orris, Florentine, bold	lb.	.16	—	.17
Verona	lb.	.15	—	.16
Finger	lb.	1.65	—	1.70
Pareira Brava	lb.	.40	—	.45
Pellitory	lb.	.35	—	.47
Peltis, true	lb.	.45	—	.50
Pleisy	lb.	.21	—	.22
Poke	lb.	.04	—	.04½
Rhatany	lb.	.15	—	.17
Rhubarb Shensi	lb.	.74	—	.79
Cuts	lb.	.41	—	.65
High Dried	lb.	.25	—	.26
Sarsaparilla, Honduras	lb.	.60	—	.65
American	lb.	.18	—	.20
Mexican	lb.	.50	—	.57
Senega, Northern	lb.	.78	—	.80
Southern	lb.	.70	—	.72
Serpentaria	lb.	.35	—	.37
Skunk Cabbage	lb.	.09½	—	.11½
*Snake, Black	lb.	.34	—	.35
Canada, natural	lb.	.27	—	.30
Stripped	lb.	.34	—	.40
Spikenard	lb.	.20	—	.22
Squaw Vine	lb.	.12	—	.12½
Squill, white	lb.	.15	—	.16
Stillingia	lb.	.09	—	.10
Stor	lb.	.10	—	.10
Turnerie, Aleppy	lb.	.10½	—	.10½
China	lb.	.07½	—	.08
Madras	lb.	.08½	—	.08½
Unicorn false (helonias)	lb.	.27	—	.28
True (Alettris)	lb.	.25	—	.27
Valerian, Belgian	lb.	1.10	—	1.20
*English	lb.	.71	—	.76
*German	lb.	.80	—	.85
Japanese	lb.	.85	—	.90
Yellow Dock	lb.	.13½	—	.15
Domestic	lb.	—	—	—
Yellow Parilla	lb.	.10	—	.12

SEEDS

*Anise, Levant	lb.	.35	—	.36
Mexican	lb.	.24	—	.24½
Russian	lb.	.26	—	.27
Spanish	lb.	.24	—	.24½
Star	lb.	.32	—	.33
Canary, Spanish	lb.	.07	—	.07½
Smyrna	lb.	.07½	—	.08
South American	lb.	.07	—	.07½
Caraway, African	lb.	.60	—	.61
*Dutch	lb.	—	—	—
*Nominal.				

Cardamoms, bleached	lb.	.80	—	1.10
Ceylon, green	lb.	.47	—	.47½
Decorticated	lb.	—	—	.59
Celery	lb.	.27½	—	.28
Colchicum	lb.	3.45	—	3.60
Conium	lb.	.54	—	.59
Coriander, Natural	lb.	.15½	—	.15½
Bleached, Domestic	lb.	.17	—	.17½
Bombay	lb.	.14½	—	.14½
Cumin, Levant	lb.	.19	—	.19½
Malta	lb.	.17½	—	.18
Mogador	lb.	.18½	—	.19
Morocco	lb.	.17½	—	.17½
Dill	lb.	.20	—	.20½
Fennel, French	lb.	.13	—	.13½
*German, small	lb.	—	—	—
*Roumanian, small	lb.	—	—	—
Flax, whole	lb.	.13½	—	.13½
Ground	lb.	.07½	—	.08
Foenugreek	lb.	.10½	—	.11
Domestic	lb.	.10	—	.10½
Hemp, Manchurian	lb.	.05½	—	.06
*Russian	lb.	.08	—	.08½
Job's Tears, white	lb.	.09	—	.10
Larkspur	lb.	.22½	—	.25
Lobelia	lb.	.21½	—	.23½
Millet, rec'd, yellow	lb.	.04½	—	.04½
Mustard, Bari, Brown	lb.	.16	—	.17
Bombay, Brown	lb.	.14½	—	.14½
California, brown	lb.	.15½	—	.16
Chinese	lb.	.09	—	.09½
Dutch, yellow	lb.	.16½	—	.17
English, yellow	lb.	.16	—	.16½
*German, yellow	lb.	—	—	—
Sicily, brown	lb.	.14	—	.14½
Paralely	lb.	.16½	—	.18½
Poppy, Dutch	lb.	.75	—	.75½
Russian, blue	lb.	.60	—	.60½
*Turkish	lb.	—	—	—
Pumpkin	lb.	.10½	—	.11
Quince, select	lb.	.80	—	.90
Rape, English	lb.	.11	—	.11½
Japanese	lb.	.10	—	.10½
Sabadilla (whole)	lb.	.20½	—	.23½
Stavesacre	lb.	.24½	—	.28
Stramonium	lb.	.15½	—	.17½
*Strophanthus, Hispidus	lb.	2.30	—	2.40
Kombe	lb.	3.95	—	4.00
Sunflower, large	lb.	.05½	—	.06
Small	lb.	.05½	—	.05½
Worm, American	lb.	.06½	—	.07½
Levant	lb.	.60	—	.65

SEEDS

Cassia, Batavia, No. 1	lb.	.20	—	.20½
Canton rolls	lb.	.12½	—	.13
Saigon, rolls, No. 1	lb.	.44	—	.45
Capsicum, Bombay	lb.	.09½	—	.09½
Japan	lb.	.08½	—	.09
Cassia Buds	lb.	.15½	—	.16
Chilies, Japan	lb.	.11½	—	.12
Mombasa	lb.	.23	—	.23½
*Cinnamon, Ceylon	lb.	.54	—	.54½
Clove, Amboyana	lb.	.64	—	.69
Penang, No. 1	lb.	.51	—	.52
Zanzibar	lb.	.12½	—	.13
Ginger, African	lb.	.16	—	.16½
Cochin	lb.	.17	—	.18
Jamaica, grinding	lb.	.24	—	.25
Bleached	lb.	.18	—	.22
Unbleached	lb.	—	—	—
*Japan	lb.	.50	—	.51
Mace, Banda, No. 1	lb.	.49	—	.49½
Nutmegs, 110s	lb.	.23½	—	.24
Paprika, Hungarian	lb.	.25	—	.26
Spanish	lb.	.18½	—	.22
Pepper, black, Sing.	lb.	.23½	—	.23½
White	lb.	.27½	—	.27½
Pimento	lb.	.06½	—	.06½

WAXES

Bayberry	lb.	.27	—	.28
Bees, white	lb.	.55	—	.60
Yellow, refined	lb.	.38	—	.45
Yellow, refined	lb.	.45	—	.50
*Candelilla	lb.	.32	—	.35
Caranabua, Flor.	lb.	.60	—	.62
No. 1	lb.	.58	—	.60
No. 2	lb.	.50	—	.55
No. 3	lb.	.48	—	.50
Ceresin, Yellow	lb.	.15	—	.20
White	lb.	.20	—	.25
Japan	lb.	.17	—	.17½
*Montan, crude	lb.	—	—	.28
Substitute	lb.	—	—	.80
*Ozokerite, crude, brown	lb.	.65	—	.80
*Green	lb.	.85	—	.90
*Refined, white	lb.	.80	—	.85
*Domestic	lb.	.40	—	.45
*Refined, yellow	lb.	.60	—	.65
Paraffin, ref'd 120 deg. m.p.	lb.	.10½	—	.11½
Foreign, 130 deg. m.p.	lb.	.14	—	.14½
*Nominal.				

Stearic Acid—				
Single Pressed	lb.	.22	—	.23
Double Pressed	lb.	.23	—	.24
Triple Pressed	lb.	.25	—	.26

Heavy Chemicals

Acetic acid, 28 p.c.	lb.	.05½	—	.07
56 p.c.	lb.	.11½	—	.12
70 p.c.	lb.	.14	—	.15
80 p.c. Pure	lb.	.21	—	.22
Glacial	lb.	.36	—	.37
Alum, ammonia, lump	lb.	.04	—	.04½
Ground	lb.	.04½	—	.04½
Powdered	lb.	.04½	—	.05½
Potash, lump	lb.	.08½	—	.09
Chrome	lb.	.25	—	.28
Ground	lb.	.08½	—	.09
Powdered	lb.	.08½	—	.09½
Soda, Ground	100 lbs.	.04½	—	.05
Aluminum chloride, liq.	lb.	.03½	—	.03½
Sulphur, high grade	lb.	.02	—	.02½
Low grade	lb.	.02	—	.02½
Ammonia, Anhydrous	lb.	—	—	.25
Ammonia Water, 26 deg., car	lb.	.06½	—	.07½
20 deg., carboys	lb.	.05	—	.05½
18 deg., carboys	lb.	.04½	—	.05
16 deg., carboys	lb.	—	—	.04
Ammonium chloride, U.S.P.	lb.	.19	—	.21
Sal Ammoniac, gray	lb.	.10	—	.11
Granulated, white	lb.	.15½	—	.16
Lump	lb.	.15½	—	.16
Sulphate, foreign	100 lbs.	.03½	—	.03½
Domestic	100 lbs.	.03½	—	.03½
Antimony Salts, 75 p.c.	lb.	—	—	—
65 p.c.	lb.	—	—	—
47 p.c.	lb.	—	—	—
Blanc Fixe	lb.	.04½	—	.05
Barium, chloride	ton	95.00	—	100.00
Dioxide	lb.	.28	—	.30
Nitrate	lb.	.11½	—	.12
Barytes, floated, white	ton	30.00	—	35.00
Off color	ton	14.00	—	18.00
Calcium Acetate, crude 100 lbs.	6.00	—	—	6.05
Bleaching Powder, 35 p.c.	lb.	.01½	—	.02
Carbide	ton	70.00	—	73.00
Carbonate	lb.	—	—	—
Chloride, solid, f.o.b. N. Y. ton	—	—	—	—
Granulated, f.o.b. N. Y. ton	—	—	—	—
Solid, second hands	ton	30.00	—	34.00
Gran., second hands	ton	40.00	—	45.00
Sulphate	lb.	.10	—	.12½
Carbon tetrachloride	lb.	.15½	—	.16
Copper Carbonate	lb.	.33	—	.35
Subacetate (Verdigris)	lb.	.40	—	.42
Powdered	lb.	.40	—	.42
Sulphate, 98-99 p.c.	lb.	.09½	—	.09½
Second hands	lb.	.09½	—	.09½
Powdered	lb.	.10	—	.11
Copperas, f.o.b. works, 100 lbs.	1.00	—	—	1.50
Fusel Oil, crude	gal.	2.65	—	2.75
Refined	gal.	3.75	—	4.00
Hydrofluoric, 30 p.c. in bbls.	lb.	—	—	.05
48 p.c. in carboys	lb.	—	—	.09
52 p.c. in carboys	lb.	—	—	.10
Lead, Acetate, brown sugar	lb.	.12½	—	.13
White cryst.	lb.	.17	—	.18
Broken Cakes	lb.	.15½	—	.15½
Granulated	lb.	.31	—	.35
Arsenate, powdered	lb.	.15	—	.18
Paste	lb.	.15	—	.18
Nitrate	lb.	.15	—	.16
Oxide, Litharge, Amer. pd.	lb.	.09½	—	.09½
Red, American	lb.	.10½	—	.10½
Foreign	lb.	—	—	—
White, Basic Carb. Amer.	lb.	—	—	.09½
in Oil, 100 lbs. or over	lb.	—	—	.10½
English	lb.	—	—	.09½
Basic Sulphate	lb.	—	—	.09½
Magnesia, f.o.b. Cal.	ton	40.00	—	45.00
f.o.b. N. Y.	ton	50.00	—	52.00
Muriatic acid,				
18 deg. carboys	lb.	.01½	—	.02½
20 deg. carboys	lb.	.02	—	.02½
22 deg. carboys	lb.	.02½	—	.02½
Nitric acid, 36 deg. carboys	lb.	.07½	—	.07½
38 deg. carboys	lb.	.08½	—	.08½
40 deg. carboys	lb.	.08	—	.09
42 deg. carboys	lb.	.09½	—	.10½
Aqua Fortis, 36 deg. carb.	lb.	—	—	.05½
38 deg. carboys	lb.	—	—	.05½
40 deg. carboys	lb.	—	—	.06
42 deg. carboys	lb.	—	—	.06½
Potassium Bichromate	bbi.	1.50	—	1.76
True Dental	bbi.	1.75	—	2.00

Drugs & Chemicals, Heavy Chemicals and Dyestuffs in Original Packages

Saltpetre, Granulated	lb.	.28	—	.29
Refined	lb.	.32	—	.33
Soda Ash, 58 p.c. in bags 100 lbs.	3.00	—	3.25	
Dense	100 lbs.	3.75	—	4.00
Caustic, dom., 76 p.c. 100 lbs.	7.90	—	8.10	
Powd. or gran., 76 p.c.				
Sodium Bichromate	lb.	8.25	—	8.50
Bisulphate	lb.	.18 $\frac{1}{4}$	—	.19
Carbonate, Sal. Soda, Am. 100 lbs.	1.10	—	1.25	
Chlorate	lb.	.25	—	.26
Cyanide, bulk	lb.	1.00	—	1.10
Hyposulphite, bbls. 100 lbs.	1.60	—	1.75	
Kegs	100 lbs.	2.00	—	2.25
Nitrate, tech. 100 lbs.	4.70	—	4.90	
Refined	lb.	.06 $\frac{1}{2}$	—	.06 $\frac{3}{4}$
Nitrite	lb.	.35	—	.37
Prussiate, Yellow	lb.	.34	—	.36
Silicate, 60 p.c. 100 lbs.	4.25	—	4.75	
Silicate, 40 p.c. 100 lbs.	2.25	—	2.75	
Sulph., Glauber's salt 100 lbs.	.70	—	.75	
Sulphide, 30 p.c. cryst. 100 lbs.	.02 $\frac{1}{2}$	—	.02 $\frac{3}{4}$	
60 p.c. per 100 lbs.	3.85	—	4.00	
Sulphur (crude) f.o.b. N.Y. ton	45.00	—	50.00	
f. o. b. Baltimore ton	45.00	—	50.00	
Sulphuric Acid				
60 deg. Pyrite	ton	25.00	—	26.00
66 deg. Brimstone	ton	34.00	—	35.00
Oleum 20 p.c. .....		.02	—	.02 $\frac{1}{2}$
Battery Acid, car's per 100 lbs.	2.75	—	3.00	

Dyestuffs, Tanning Materials and Accessories

COAL-TAR CRUDES AND INTERMEDIATES

*Acid Amidonaphthols'phonic lb.	—	—	—	—
Acid Benzoic	lb.	5.50	—	8.00
Crude	lb.	3.00	—	3.50
Acid H	lb.	2.75	—	3.00
Acid Metanilic	lb.	1.40	—	1.50
Acid, Naphthionic, crude	lb.	1.80	—	1.85
Refined	lb.	1.80	—	1.85
Acid Naphthylamine sulphate	lb.	—	—	—
Acid Sulphanilic	lb.	.32 $\frac{1}{2}$	—	.34
p-Amidophenol	lb.	4.50	—	5.00
p-Amidophenol Hydrochloride lb.	5.00	—	5.25	
Aminoazobenzene	lb.	1.75	—	1.85
Aniline Oil, drums extra	lb.	.26 $\frac{1}{2}$	—	.27 $\frac{1}{2}$
Aniline Salts	lb.	.32 $\frac{1}{2}$	—	.34
Aniline for red	lb.	1.12	—	1.15
Anthracene (80 p.c.)	lb.	.22	—	.26
Anthraquinone	lb.	—	—	—
Benzaldehyde	lb.	5.00	—	5.50
Benazidine	lb.	1.80	—	1.90
Benazidine Sulphate	lb.	1.45	—	1.50
Benzoil, C.P.	gal.	.47	—	.50
Benzoil, (90 p.c.)	gal.	.46	—	.48
Benzylochloride	lb.	2.25	—	2.50
Chlorobenzol	lb.	—	—	.31
Chumidine	lb.	9.00	—	10.00
Diamedophenol	lb.	—	—	—
o-Dianisidine	lb.	—	—	—
Dichlorobenzol	lb.	.35	—	.40
o-Dichlorobenzol	lb.	.15	—	.16
p-Dichlorobenzol	lb.	.40	—	.42
Diethylaniline	lb.	—	—	3.50
Dimethylaniline	lb.	.58	—	.60
Dinitrobenzol	lb.	.33	—	.35
m-Dinitrobenzene	lb.	.45	—	.50
Dinitrochlorbenzene	lb.	.50	—	.56
Dinitronaphthalene	lb.	.44	—	.75
Dinitrophenol	lb.	.56	—	.60
Dinitrotoluenol	lb.	.54	—	.59
Diphenylamine	lb.	1.00	—	1.10
Dioxynaphthalene	lb.	—	—	—
Hydrazobenzene	lb.	1.50	—	2.00
Induline	lb.	2.00	—	2.25
Methylaniline	lb.	—	—	—
Monodinitrochlorbenzol	lb.	.48	—	.52
Monooethylaniline	lb.	1.00	—	1.25
Naphthalene, flake	lb.	.09 $\frac{3}{4}$	—	.10
Balls	lb.	.10 $\frac{1}{2}$	—	.11
Naphthalenediamine	lb.	—	—	—
a-Naphthol	lb.	—	—	2.90
b-Naphthol, Technical	lb.	.67	—	.70
Sublimed	lb.	.87	—	.90
a-Naphthylamine	lb.	.70	—	.80
b-Naphthylamine	lb.	1.75	—	2.00
p-Nitraniline	lb.	1.25	—	1.35
Nitrobenzene	lb.	.20	—	.22
o-Nitrochlorbenzol	lb.	.50	—	.56
Nitronaphthalene	lb.	.44	—	.65
Nitronaphthol	lb.	—	—	—
Nitrotoluenol	lb.	.55	—	.65
o-Nitrotoluenol	lb.	.80	—	.90
p-Nitrotoluenol	lb.	1.15	—	1.25
m-Phenylenediamine	lb.	1.15	—	1.25
p-Phenylenediamine	lb.	1.30	—	1.40
Phthalic Anhydride	lb.	6.40	—	6.50
Pseudo-Cumol	lb.	—	—	—
*Nominal.				

Resorcinol	lb.	16.00	—	17.00
Technical	lb.	—	—	9.00
Tetranitromethylaniline	lb.	—	—	2.50
Tolidin	lb.	2.75	—	3.00
Toluidine	lb.	1.00	—	1.10
p-Toluidine	lb.	2.25	—	2.30
*Toluol, pure	gal.	Nominal	—	—
Toluol, Commercial, 90 p.c. gal.	2.00	—	2.30	
m-Toluylenediamine	lb.	1.70	—	1.75
... pure	gal.	1.00	—	1.25
Xylene, Com.	gal.	.35	—	.40
Nylidine	lb.	.75	—	.80

COAL-TAR COLORS

Acid Black	lb.	1.50	—	1.80
Acid Blue	lb.	2.40	—	2.90
Acid Fuchsin	lb.	2.75	—	3.37
Acid Orange	lb.	8.50	—	9.00
Acid Orange II	lb.	.80	—	1.10
Acid Orange III	lb.	.65	—	1.00
Acid Red	lb.	1.50	—	2.00
Acid Scarlet	lb.	4.00	—	4.50
Acid Yellow	lb.	1.50	—	2.50
Alizarin Blue	lb.	7.00	—	7.50
Alizarin Blue, bright	lb.	8.50	—	9.50
Alizarin Blue, medium	lb.	6.00	—	7.50
Alizarin Brown, conc.	lb.	7.50	—	8.50
Alizarin Orange	lb.	6.00	—	8.50
Alizarin Yellow	lb.	4.00	—	7.00
Alpine Red	lb.	7.25	—	8.00
Alpine Yellow	lb.	6.50	—	7.50
Azo Carmine	lb.	6.00	—	6.50
Azo Yellow	lb.	3.00	—	5.00
Azo Yellow, green shade	lb.	3.50	—	4.00
Azo Yellow, red shade	lb.	3.00	—	4.00
Auramine	lb.	4.00	—	5.00
Bismarck Brown Y	lb.	1.10	—	1.40
Bismarck Brown F	lb.	1.25	—	1.50
Bismarck Brown FF conc.	lb.	2.00	—	2.50
Bismarck Brown 3R	lb.	2.25	—	3.25
Bismarck Brown R	lb.	1.50	—	2.00
Bright Red	lb.	1.75	—	3.25
Chrome Blue	lb.	2.60	—	3.00
Chrome Red	lb.	2.50	—	3.00
Crysamine Yellow	lb.	1.25	—	2.25
Chrysoidine R	lb.	2.50	—	3.00
Chrysoidine Y	lb.	1.40	—	2.00
Congo Red	lb.	2.00	—	3.00
Crystal Violet	lb.	7.50	—	8.00
Direct Acid Orange	lb.	1.50	—	2.00
Direct Black	lb.	.80	—	1.25
Direct Blue	lb.	1.75	—	2.25
Direct Sky Blue	lb.	6.50	—	7.00
Direct Brown	lb.	1.75	—	2.25
Direct Bordeaux	lb.	3.50	—	4.00
Direct Fast Red	lb.	3.25	—	4.00
Direct Red	lb.	2.10	—	2.60
Direct Yellow	lb.	1.75	—	2.25
Direct Fast Yellow	lb.	3.00	—	4.00
Direct Violet	lb.	4.25	—	4.50
Fast Red, 6B extra, con't	lb.	4.50	—	5.00
F extra, contract	lb.	2.00	—	3.75
F Scarlet, contract	lb.	2.75	—	3.25
Fur Black, extra	lb.	2.50	—	3.00
Fur Brown B	lb.	2.00	—	3.00
Fur Brown GG	lb.	2.50	—	4.00
Green Crystals	lb.	12.00	—	14.00
Indigo 20 p.c. paste	lb.	1.60	—	2.00
Indigotine, conc.	lb.	2.50	—	3.50
Indigotine, paste	lb.	1.50	—	2.50
Induline	lb.	1.90	—	2.50
Magenta	lb.	6.00	—	8.00
Metanil Yellow	lb.	2.30	—	2.75
Medium Green	lb.	5.00	—	6.00
Methylene Blue, tech.	lb.	3.00	—	4.00
Methyl Violet	lb.	3.25	—	3.75
Naphthol Green	lb.	3.00	—	3.50
Nigrosine, Oil Sol.	lb.	.85	—	1.25
Nigrosine, spts. sol.	lb.	.75	—	1.25
Nigrosine water sol, blue	lb.	.80	—	1.30
Jet	lb.	.80	—	1.30
Naphthol Green	lb.	3.00	—	4.00
Naphthylamine Red	lb.	6.50	—	7.00
Oil Black	lb.	.85	—	1.25
Oil Orange	lb.	2.00	—	2.50
Oil Scarlet	lb.	2.00	—	2.50
Oil Yellow	lb.	1.80	—	2.50
Orange, R. G., contract	lb.	2.00	—	2.25
Orange Y, conc.	lb.	1.10	—	1.50
Ponceau	lb.	1.75	—	2.50
Scarlet 2R	lb.	5.00	—	6.00
Soluble Blue	lb.	18.00	—	25.00
Sulphur Black	lb.	.60	—	1.00
Sulphur Black E.S. standard lb.	.90	—	1.00	
Sulphur Black 100 p.c.	lb.	1.25	—	2.00
Sulphur Black, 150 p.c.	lb.	1.50	—	2.25
Sulphur Blue	lb.	2.60	—	3.25
Sulphur Blue-Black	lb.	2.00	—	3.00
Sulphur Brown Chestnut	lb.	.50	—	.60
Sulphur Green	lb.	3.00	—	3.00
Sulphur Yellow	lb.	2.00	—	2.50
Tartrazine	lb.	1.50	—	2.00
Wool Orange	lb.	3.00	—	4.00
Valonia, solid, 65 p.c. tan	lb.	5.00	—	6.00
*Nominal.				

Victoria Blue, base	lb.	15.00	—	17.00
Victoria Green	lb.	14.00	—	17.00
Victoria Red	lb.	8.00	—	9.00
Victoria Yellow	lb.	7.50	—	8.75
Yellow for wool	lb.	1.60	—	2.25

NATURAL DYE STUFFS

Annatto, fine	lb.	.33	—	.34
Seed	lb.	.11	—	.14 $\frac{1}{4}$
Carmine No. 40	lb.	4.25	—	4.75
Cochineal	lb.	.54	—	.56
Gambier, see tanning.				
Indigo, Bengal	lb.	3.25	—	3.50
Guatemala	lb.	3.00	—	3.25
Kurpahs	lb.	2.75	—	3.00
Madras	lb.	1.15	—	1.30
Madder, Dutch	lb.	.27	—	.29
Nutgalls, blue Aleppo	lb.	—	—	—
Chinese	lb.	.25	—	.26
Persian Berries	lb.	—	—	—
Quercitron Bark, see tanning.				
Sumac, see tanning.				
Turnerie, Madras	lb.	.08 $\frac{1}{4}$	—	.09 $\frac{1}{4}$
Aleppay	lb.	.10	—	.10 $\frac{1}{2}$
Pubna	lb.	—	—	—
China	lb.	.08	—	.08 $\frac{1}{4}$

DYEWOODS

Barwood	lb.	—	—	—
Camwood, chips	lb.	.17	—	.20
Fustic Sticks	ton	50.00	—	53.00
Chips	lb.	.04 $\frac{1}{2}$	—	.05
Hyperic, chips	lb.	.09	—	.10
Logwood sticks	ton	38.00	—	43.00
Chips	lb.	.03	—	.03 $\frac{1}{4}$
Quercitron, see tanning.				
Red Saunders, chips	lb.	.15	—	.17

EXTRACTS

Archil, double	lb.	.15	—	.17
Triple	lb.	.18	—	.20
Concentrated	lb.	.21	—	.26
Cutch, Mangrove, see tanning.				
Rangoon, boxes	lb.	.14	—	.16
Liquid	lb.	.08½	—	.09
Tablet	lb.	.10	—	.12
Cudbear, French	lb.	—	—	—
English	lb.	.18	—	.24
Concentrated	lb.	—	—	.38
Flavine	lb.	1.00	—	1.50
Fustic	lb.	.13	—	.16
Gall	lb.	—	—	.18
Hematin	lb.	.09	—	.10
Crystals	lb.	.20	—	.28
*Hyperic, liquid	lb.	—	—	—
Indigo, natural for cotton	lb.	.50	—	.54
For wool	lb.	.30	—	.32
Indigotine, 100 p.c. pure	lb.	—	—	5.50
Logwood, solid	lb.	.19	—	.21
Crystals	lb.	.19	—	.24
51 deg., Twaddle	lb.	.09½	—	.12
Contract	lb.	—	—	—
Osage Orange—				
Powdered	lb.	—	—	.25
Paste	lb.	.06	—	.12
Persian Berries	lb.	—	—	—
Quebracho, see tanning.				
Quercitron, see tanning.		.07¼	—	.08½
Sumac, see tanning.				

Drugs & Chemicals, Heavy Chemicals and Dyestuffs in Original Packages

Hemlock, 25 p.c. tan	lb.	.03½	—	.04½
Larch, 25 p.c. tan	lb.	.03	—	.03½
Crystals, 50 p.c. tan	lb.	.06	—	.07
Mangrove, 55 p.c. tan	lb.	.08	—	.12
Liquid, 25 p.c. tan	lb.	.06	—	.08
Muskegon, 23-30 p.c. tan,	lb.	.01½	—	.02½
50 p.c. total solids	lb.	.06	—	.07
Myrobalsans, liq. 23-25 p.c. tan	lb.	.10	—	.11
Solid, 50 p.c. tan	lb.	.03½	—	.04½
Oak Bark, liquid, 35 p.c. tan	lb.	.05	—	.06
Quebracho, liquid, 35 p.c. tan	lb.	.05	—	.06
35 p.c. tan, untreated	lb.	.07½	—	.08
35 p.c. tan, bleaching	lb.	.09	—	.11
Solid, 65 p.c. tan, ordinary	lb.	.10	—	.12
Clarified	lb.	.01	—	.01½
Spruce, liquid, 20 p.c. tan,	lb.	.06	—	.10½
50 p.c. total solids	lb.	.06	—	.10½
Sumac, liquid, 25 p.c. tan	lb.	Nominal		
Valonia, solid, 65 p.c. tan	lb.	Nominal		

Oils

ANIMAL AND FISH

(Carloads)

*Cod, Newfoundland	gal.	.94	—	.96
Domestic, prime	gal.	.92	—	.94
Liver, Newfoundland	bbl.	77.00	—	85.00
Norwegian	bbl.	120.00	—	125.00
Degras, American	lb.	.14½	—	.15
*English	lb.	.14½	—	.15
German	lb.	—	—	—
Neutral	lb.	.16½	—	.17½
Horse	lb.	2.20	—	2.25
Lard, prime winter	gal.	1.75	—	1.80
Off prime	gal.	1.55	—	1.60
Extra, No. 1	gal.	1.45	—	1.50
No. 2	gal.	1.40	—	1.45
Menhaden, Brown	gal.	.92	—	.94
Light, strained	gal.	.94	—	.96
Yellow, bleached	gal.	.98	—	1.00
White, b'ch'd, winter	gal.	—	—	—
*Northern, crude	gal.	—	—	—
*Southern, crude, f.o.b. plant	gal.	2.30	—	2.40
Neatsfoot, 20 deg.	gal.	2.15	—	2.25
30 deg., cold test	gal.	2.05	—	2.15
40 deg., cold test	gal.	1.40	—	1.45
Dark	gal.	1.60	—	1.65
Prime	gal.	.22	—	.24
Oleo Oil	gal.	.30	—	.35
*Porpoise, body	gal.	24.00	—	25.00
*Jaw (Crude Oleic Acid)	gal.	.14½	—	.15
Red	gal.	.14½	—	.15
Saponified	gal.	.11	—	.12
Sod Oil	gal.	1.67	—	1.70
*Sperm, bleached winter	gal.	1.65	—	1.67
38 deg., cold test	gal.	1.64	—	1.66
45 deg., cold test	gal.	.22	—	.24
Natural winter, 38 deg cold	gal.	.23	—	.25
test	gal.	.25	—	.27
Stearic, single pressed	gal.	1.55	—	1.60
Double pressed	gal.	1.50	—	1.55
Triple pressed	gal.	—	—	—
Tallow, acidless	gal.	1.50	—	1.55
*Prime	gal.	—	—	—
*Whale, natural	gal.	1.15	—	1.25
*Bleached, winter	gal.	1.15	—	1.25

VEGETABLE OILS

*Castor, No. 1 bbls.	lb.	.27	—	.29
Cases	lb.	.28	—	.30
No. 3	lb.	.25½	—	.26½
Cocanaut, Ceylon, bbls.	lb.	.17½	—	.17½
Ceylon, Tanks	lb.	.16½	—	.16½
Cochin, bbls.	lb.	.18½	—	.19
Tanks	lb.	.17½	—	.18
*Corn, refined, bbls.	lb.	20.62	—	20.96
Crude, bbls.	lb.	.19	—	.19½
*Cottonseed, Crude, f. o. b.	lb.	1.30	—	1.35
mills	lb.	18.60	—	19.00
Summer, yellow, prime	lb.	—	—	—
*White	lb.	—	—	—
*Winter, yellow	lb.	—	—	—
Linseed, raw, car lots	gal.	1.22	—	1.25
5-bbl. lots	gal.	1.24	—	1.27
Boiled, 5-bbl. lots	gal.	1.25	—	1.28
Double Boiled, 5-bbl. lots	gal.	1.26	—	1.29
*Olive, denatured	gal.	2.40	—	2.50
*Foots	lb.	.32	—	.35
*Palm Lagos, casks	lb.	.21	—	.22
*Benin	lb.	.19	—	.20
*Niger	lb.	.19½	—	.19½
*Palm Kernel, domestic	lb.	1.65	—	1.75
*Imported	lb.	1.65	—	1.75
Peanut Oil, edible	gal.	—	—	—
Crude	gal.	—	—	—
Pine Oil, white steam	gal.	.54	—	.55
Yellow, steam	gal.	—	—	—
*Poppy Seed	gal.	—	—	—
*Nominal	gal.	—	—	—

*Rapeseed, ref'd. bbls.	gal.	1.70	—	1.75
Blown	gal.	1.75	—	1.80
Rosin, oil, first test.	gal.	.35	—	.40
Second	gal.	.42	—	.45
*Sesame, domestic	gal.	—	—	—
*Imported	gal.	—	—	—
*Soya Bean, Manchurian	lb.	.17½	—	.17½
Tar Oil, gen. dist.	lb.	.33	—	.34
Commercial	lb.	.25	—	.27

MINERAL

Black, reduced, 29 gravity	gal.	.13½	—	.14
25-30 cold test	gal.	.14	—	.15
29 gravity, 15 cold test	gal.	.13	—	.14
Summer	gal.	.21	—	.26
Cylinder, light, filtered	gal.	.18	—	.19
Dark, filtered	gal.	.26	—	.30
Extra cold test	gal.	.15	—	.18
Dark steam, refined	gal.	.26½	—	.27
Neutral, W. Va. 29 grav. gal.	gal.	.21½	—	.22
Neutral, filtered lemon, 33@34	gal.	.33	—	.34
gravity	gal.	.29½	—	.30
White 30@31 gravity	gal.	.18½	—	.22
Paraffin, high viscosity	gal.	.18	—	.19
90@865 sp. gr.	gal.	.28	—	.35
Red Paraffin	gal.	.24	—	.25
Spindle, filtered	gal.	.23½	—	.24
No. 200	gal.	.23	—	.23½
No. 110	gal.	—	—	—

Miscellaneous

NAVAL STORES

(Carloads)

Spirits Turpentine in bbls.	gal.	.49½	—	.50
Wood Turpentine, steam	gal.	.45	—	.48
till'd bbls	gal.	.38	—	.40
Turpentine, Destructive dis-	gal.	4.60	—	4.75
till'd, bbls.	gal.	14.50	—	15.00
Pitch, prime	gal.	6.70	—	6.80
Tar, pure	gal.	—	—	—
Rosin, com. to g'd	gal.	—	—	—

SHELLAC

D. C.	lb.	.70	—	.72
Diamond "I"	lb.	.68	—	.70
V. S. O.	lb.	.70	—	.71
Fine Orange	lb.	.58	—	.60
Second Orange	lb.	.56	—	.58
T. N.	lb.	.53	—	.55
A. C. Garnet	lb.	—	—	—
*Button	lb.	.50	—	.53
Regular, bleached	lb.	.60	—	.63
Bone, dry	lb.	—	—	—

OIL CAKE AND MEAL

Cottonseed Cake, f.o.b. Texas.	—	—	—	—
f.o.b. New Orleans	—	—	—	—
Cottonseed, Meal, f.o.b. Atlanta	—	—	—	—
Columbia	50.00	—	—	—
New Orleans	47.00	—	—	—
Corn Cake	37.00	—	—	—
Meal	41.00	—	—	—
Linseed cake, dom.	—	—	—	—
Linseed Meal	—	—	—	—

SALT PRODUCTS

Salt, fine	280 lb. bbls.	—	—	2.65
Turk's Island—	200 lb. sacks	—	—	1.75
Coarse	140 lb. bags	—	—	1.13
Mineral	140 lb. bags	—	—	1.13

MOLASSES AND SYRUPS

Centrifugals—	gal.	.47	—	.52
Prime	gal.	.53	—	.58
Open kettle	gal.	.31	—	.32
Blackstrap bbls	gal.	.35	—	.40
Sugar Syrup, common	gal.	.64	—	.80
Fancy	gal.	.45	—	.50
Medium	gal.	.08	—	.08½
Honey—	lb.	.17	—	.17½
*Buckwheat, ext.	lb.	.12	—	.13
*Clover, Comb, fancy	lb.	—	—	—
Clover, lower grades	lb.	—	—	—
Syrup, Corn, 42 deg. per 100 lbs.	—	—	—	5.65

COCOA

Bahia	lb.	.11	—	.12
Caracas	lb.	.10	—	.10½
Hayti	lb.	.25	—	.25½
Maracaibo	lb.	.12½	—	.13
Trinidad	lb.	—	—	—

REFINED SUGAR

(Prices in Barrels)

Amer. Nat. bu'le eral ner	8.50	8.50	8.50	8.45	8.55
Powdered	8.55	8.55	8.55	8.55	8.55
XXXX	8.25	8.25	8.25	8.25	8.35
Confectioners A	8.40	8.40	8.40	8.40	8.40
Standard Gran	8.40	8.40	8.40	8.40	8.40
*Nominal	—	—	—	—	—

Soap Makers' Materials

ANIMAL AND FISH OILS

*Menhaden, crude, f.o.b. mills.	gal.	.92	—	.90
Brown	gal.	.94	—	.96
Light, strained	gal.	.96	—	.98
Yellow, bleached	gal.	.98	—	1.00
White, bleached, winter	gal.	2.30	—	2.40
Neatsfoot, 20 deg	gal.	2.15	—	2.25
30 deg., cold test	gal.	2.05	—	2.15
40 deg., cold test	gal.	1.40	—	1.45
Dark	gal.	1.60	—	1.65
Prime	gal.	1.49½	—	1.5
Red (crude oleic acid)	lb.	.14½	—	.15
Saponified	lb.	.22	—	.23
Stearic, single pressed	lb.	.23	—	.25
Double pressed	lb.	—	—	—

VEGETABLE OILS

*Castor, No. 1, bbls.	lb.	.27	—	.29
No. 3	lb.	.25½	—	.26½
Cocanaut, Ceylon, bbls.	lb.	.17½	—	.17½
Ceylon, tanks	lb.	.16½	—	.16½
Cochin, bbls.	lb.	.18½	—	.19
Tanks	lb.	.17½	—	.18
*Corn, crude, bbls.	lb.	20.62	—	20.96
Refined, barrels	lb.	1.30	—	1.35
*Cottonseed, crude, f. o. b. mills	lb.	18.60	—	19.00

Summer Yellow, prime	gal.	1.22	—	1.25
*White	gal.	1.24	—	1.26
*Winter, Yellow	gal.	2.40	—	2.50
Linseed, raw, car lots	gal.	.32	—	.35
5 barrel lots	gal.	.21	—	.22
*Olive, denatured	gal.	.19½	—	.19½
*Foots	gal.	1.60	—	1.65
*Palm Lagos, casks	lb.	—	—	—
*Niger	lb.	—	—	—
*Palm Kernel, domestic	lb.	—	—	—
Peanut, edible	gal.	—	—	—
Crude	gal.	—	—	—
Pine white steam	gal.	—	—	—
*Sesame, domestic	gal.	—	—	—
Soya Bean, Manchurian	lb.	.17½	—	.17½

GREASES, LARDS, TALLOW

(New York Market)

Grease, white	lb.	.18	—	.19
Yellow	lb.	.16½	—	.17
House	lb.	.12	—	.13
Brown	lb.	.16	—	.16½
Yellow grease, stearine	lb.	.17½	—	.18½
White grease, stearine	lb.	.23	—	.25½
Lard, City	lb.	.21½	—	.22
Compound	lb.	.21	—	.21½
Stearine, lard	lb.	.18½	—	.19
Oleo	lb.	.17	—	.17½
Tallow, edible	lb.	—	—	—
City Special	lb.	—	—	—
Choice Country	lb.	—	—	—

(Western Markets)

Tallow, edible	lb.	.18	—	.18½
City Fancy	lb.	.17½	—	.17½
Prime Packers	lb.	.19½	—	.19½
Grease, Choice White	lb.	.18½	—	.19
"A" White	lb.	.17	—	.17½
"B" White	lb.	.15½	—	.16½
Yellow	lb.	.15½	—	.16
Bone	lb.	.16½	—	.16½
House	lb.	.21½	—	.22
Stearine, prime oleo	lb.	.24½	—	.25
Lard	lb.	—	—	—

CHEMICALS

Alkali, light, basis 48 p.c.	—	—	—	—
Spot running pound, per cwt.	—	—	—	—
Alum, Ammonium lump	lb.	.04	—	.04½

Jobbers' Prices of Drugs and Chemicals

NOTICE — The prices herein quoted are average prices to Retail Druggists now ruling in New York Market.

Suggestions from subscribers concerning items which they would like added to this list, or any further information desired, will receive prompt attention.

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Acacia, select, white	lb.	.85	.90	
1st select, powdered	lb.	.90	.95	
Fine granulated, first	lb.	.75	.80	
Seconds	lb.	.80	.90	
Sorts, amber	lb.	.45	.50	
Sorts, sifted, white	lb.	.50	.55	
Acetal, 1 oz. g.s.v. 7	oz.	—	2.00	
Acetamide, 1-oz. v.c.v. 4	oz.	—	—	
Acetanilid	lb.	.90	1.00	
Acetic Anhydride, 1 lb. g.s.b. 14	lb.	3.25	3.40	
1 oz. s.v. 7	oz.	.25	.30	
Acetone, Pure C. P., Med.	lb.	.55	.60	
Technical	lb.	.48	.52	
Acetonesulphite-Bayer—				
Preservative for Developing and Fixing				
Baths				
In 2 ounce boxes	—	—	—	
In 4 ounce boxes	—	—	—	
In 16 ounce boxes	ea.	—	3.50	
Acetphenetidid, U.S.P.	oz.	.78	.80	
Acetone, P. D. & Co.	oz.	5.25	6.00	
Acetyl-Salicylic-Acid	lb.	3.50	3.75	
—	oz.	—	.30	
Acid, Acetic, No. 8 (sp. gr. 1.040)	lb.	.13	.16	
U. S. P., 36 p.c.	lb.	.16	.17	
U. S. P., Glacial, 99 p.c.	lb.	.48	.50	
Acetylsalicylic (Aspirin)	lb.	3.75	4.00	
Arsenic, powd. U.S.P.	lb.	.80	.85	
Arsenous, U.S.P., powdered	lb.	.35	.45	
Benzole, true	oz.	1.10	1.20	
From Toluol	lb.	3.50	4.00	
Boric acid, cryst.	lb.	.18	.23	
Powdered	lb.	.18	.22	
Impalp	lb.	.30	.35	
Bromic, 1-oz. g.s.v. 7	oz.	—	.30	
Butyric, 100 p.c.	lb.	3.00	3.25	
Cacodylic	oz.	—	2.00	
Camphoric	oz.	.44	.48	
Carbolic, cryst., bulk	lb.	.55	.66	
10 and 25-lb cans	lb.	.65	.75	
1-lb. bottles	lb.	.65	.75	
Crude, 10-95 p.c.	gal.	.68	.71	
Carminic, 15 gr. v.	ea.	—	.60	
Chloracetic, 1-oz. v.	oz.	.35	.40	
Chromic, 1-oz. v.	oz.	.20	.25	
1-lb.	lb.	2.25	2.50	
C. P.	oz.	—	.35	
Chrysophanic, true, v.	oz.	.55	.65	
Cinnamic, pure	lb.	10.80	12.00	
Synthetic v.	—	—	—	
Natural, 1 oz. v.	—	—	—	
Citric, cryst. (kegs)	lb.	.74	.75	
Less than keg	lb.	.78	.85	
Granulated	lb.	.85	.95	
Creasylic	lb.	1.45	1.65	
Dichloroacetic, 1 oz. g.s.v. 7 oz. Formic, Conc. 1-lb. bottle	lb.	—	1.25	
Gallie	oz.	.19	.21	
1/4, 1/2, 1-lb. cartons	lb.	1.80	2.00	
Glycerophosphoric	oz.	.25	.30	
Hippuric	—	—	—	
Hydriodic, sp. gr. 1.30	oz.	.38	.40	
Hydrobrom, conc., v.	oz.	.08	.10	
Dil., U.S.P., oz. v. incl.	lb.	.35	.40	
Hydrocyanic, 1 oz. vial, U. S. P.	oz.	.07	.10	
S. P.	—	—	—	
Hydrofluoric, 55 p.c., in gut. pch. bot.	lb.	—	2.30	
52 p.c., ceres. bot.	lb.	—	.80	
Hypophosphorous, sol., 30 per cent	oz.	.17	.20	
U. S. P., 10 p.c.	oz.	.07	.09	
Iodic	oz.	.40	.45	
Lactic, U. S. P., 1-oz. v.	lb.	4.00	4.50	
Dilute	oz.	.13	.17	
Molybdic C. P.	lb.	6.00	11.00	
Malic, 1 oz. c.v. 4	oz.	—	2.00	
Monochloroacetic, crys.	oz.	.25	.30	
Muriatic, com., 20 deg. (Carboys) 120 lbs., (5/2)	lb.	.10	.12	
C. P. Hydrochloric	lb.	.16	.18	
Nitric, 36 deg. carb.	lb.	.11	.13	
36 deg., less	lb.	.16	.18	
38 deg., carboy	lb.	.12	.13	
Acid, Nitric, 38 deg. less	lb.	.13	.15	
C. P. carboy	lb.	—	.21	
C. P. less	lb.	.23	.25	
Nitro-Muriatic	lb.	.25	.30	
Oleic	lb.	.35	.40	
Oxalic	lb.	.55	.60	
Powdered	lb.	.65	.70	
Palmitic (Technical)	lb.	.65	.70	
Phosphomolybdic	oz.	1.00	1.25	
Phosphoric, diluted	lb.	.18	.20	
U. S. P., 1880, p.c.	lb.	.40	.50	
Syrup, 85 p.c. p.c.	lb.	.48	.55	
Glacial sticks	lb.	1.85	2.00	
Phthalic	oz.	—	.60	
Picric	lb.	2.50	3.00	
Pyrogallie, 1/4, 1/2 and 1-lb. cans	lb.	4.10	4.50	
1-oz. vials	oz.	.40	.45	
Pyroligneous, purified	lb.	.20	.25	
Crude	gal.	.30	.40	
Salicylic, 1-lb. cartons	lb.	1.00	1.05	
Bulk	lb.	1.05	1.20	
From Gaultheria, oz.	v.	.40	.45	
Succinic, cryst.	lb.	.65	.75	
Sulphocarbolic (about 30 p.c.)	oz.	.65	.75	
Sulphosalicylic	lb.	.45	.50	
Sulphuric, Aromatic	lb.	.45	.50	
Com'l 66 deg. c. 160 lb.)	lb.	.11	.13	
Less	lb.	.15	.17	
C. P.	lb.	.15	.17	
Sulphurous, U.S.P., so'n. lb. Tannic Com'l lb. cart	lb.	1.65	1.75	
Medicinal	lb.	1.80	1.85	
Powdered	lb.	1.75	1.90	
Tartaric cryst.	lb.	.94	1.08	
Powdered	lb.	.92 1/2	1.03	
Trichloroacetic	oz.	.37	.40	
Valeric, 1 oz. v.	oz.	.50	.55	
Acid	—	—	.60	
Acon	oz.	—	3.50	
Aconite lva. Eng., 1-lb. b.	lb.	—	—	
Leaves, German	lb.	.30	.35	
Powdered	lb.	.28	.34	
Root English	lb.	—	.90	
Powdered	lb.	—	1.00	
Root German	lb.	.75	.80	
Powdered	lb.	.85	.90	
Aconitine, Amorp. 1/4 oz. v. ea. Nitrate, Amorp., 15 gr. v. ea. Cryst., 15 gr. v.	ea.	2.40	2.60	
—	ea.	—	1.00	
—	ea.	—	.85	
Adalin	lb.	—	—	
Adamon	oz.	—	1.20	
Adeps, Lanac, Anhydrous	lb.	.55	.60	
Hydrous	lb.	.60	.65	
(See also Lanoline)	—	—	—	
Adonidin, 15 gr. tube	gr.	—	.20	
Adrenalin, 1 gr. v.	oz.	—	.85	
Chloride, Solution	—	—	.85	
Adulor (developer) 16 oz. bottles incl.	ea.	—	10.00	
1 oz.	ea.	—	.75	
Agar Agar	lb.	.75	.85	
Agaric white	lb.	—	2.50	
Agaricin	oz.	5.00	1.50	
Agfa Intensifier, 4-oz. bottle incl. each	lb.	—	Nominal	
4-oz.	oz.	—	Nominal	
2-oz.	oz.	—	.40	
Agfa Reducer, 4-oz. bot. incl.	lb.	—	3.00	
Agurin	oz.	—	1.70	
10-10 gramme tubes in box	ea.	—	.75	
Ailol	oz.	—	1.15	
Albumin, from eggs, Impalp. Powd., sol.	lb.	1.50	1.55	
Alcohol, Absolute	gal.	9.00	9.15	
Cologne, Sp. 95 p.c. U.S.P.	gal.	5.35	5.40	
bbls.	gal.	5.60	6.10	
Less	gal.	5.30	5.35	
Com. 95 p.c. U.S.P., bbls. gal. Denatured	gal.	5.55	6.00	
Less	gal.	.93	1.15	
Denatured, (bbls, less	gal.	1.45	1.55	
Methylic (Wood) bbls.	gal.	.20	.25	
Aldehyde, Commercial	lb.	.55	.90	
Alieirin (Resinoid)	oz.	.55	.90	
Alkanet root	lb.	2.75	3.00	
Powdered	lb.	3.10	3.25	
Almond meal	lb.	.45	.50	
Almonds, Bitter, shelled	lb.	.40	.50	
Sweet Jordan	lb.	.45	.55	
Aloes, Barbadoes, true	lb.	1.15	1.25	
Powdered	lb.	1.30	1.40	
Cape	lb.	.14	.20	
Powdered	lb.	.20	.27	
Curacao, gourds	lb.	.23	.28	
Bulk	lb.	.18	.22	
Scotrine, True	lb.	.45	.50	
Powdered	lb.	.55	.60	
Purified	lb.	.75	1.00	
Aloin, 1 oz. v.	oz.	.12	.14	
Alphosone	oz.	3.00	4.60	
Althaea Root	lb.	.65	.70	
Cut	lb.	.75	.85	
Allspice, clean	lb.	.12	.15	
Alum, Ammonia, bbls.	lb.	.06 1/4	.08	
Dried, 1 lb. carton	lb.	.16	.19	
Ground, bbls. or less	lb.	.08	.12	
Powdered	lb.	.10	.13	
Chrome	lb.	.75	.80	
Potash, gran., pure	lb.	.15 1/4	.18	
Powd. pure	lb.	.13 1/4	.16	
Sodic, Technical	lb.	.45	.50	
Aluminum Acetate	lb.	.80	.90	
Chloride, cryst.	lb.	.90	1.00	
Hydroxide, U.S.P.	lb.	.40	.50	
Metallic, powdered	oz.	.19	.23	
Phenolsulphonate	oz.	—	.80	
Salicylate	lb.	—	2.40	
Sulphate, Com'l	lb.	.10	.13	
Cryat., C. P.	lb.	.40	.45	
Alumol	lb.	.29	.32	
Purified	lb.	—	.32	
Allypin	oz.	—	—	
Ambergris, Black	dr.	2.00	2.40	
Gray	dr.	3.00	3.50	
Amidol (developer) 16-oz. bottles incl.	—	—	Nominal	
1-oz. bottle incl.	oz.	.65	.75	
Ammonia Water, 18 deg.	lb.	.09	.10	
20 deg.	lb.	.11	.12	
26 deg., Conc.	lb.	.12	.17	
Ammoniac, Gum, tears	lb.	.80	.90	
Powdered	lb.	.90	1.00	
Ammonium, Acetate, crys.	oz.	.10	.12	
Arsenate	oz.	—	.16	
Bichromate	lb.	1.10	1.32	
Bitartrate	lb.	.75	1.00	
Benzoate	oz.	.75	.80	
Bromide, 1-lb. bottles	lb.	.35	1.00	
Carbonate, jars	lb.	.12	.15	
Resub. Cubes, 1-lb. bot.	lb.	.29	.37	
Powdered	lb.	.18	.20	
Citrate, 1-oz. v.	oz.	.12	.15	
Fluoride	lb.	1.05	2.10	
Hypophosp. (lb. 2.50)	oz.	.20	.23	
Hydrosulphuret, 1-lb. g.s.b. 15	lb.	—	.30	
Iodide	lb.	4.50	4.75	
Molybdate	oz.	.45	.52	
Muriate	lb.	.25	.30	
Com'l Gran.	lb.	.23	.26	
C. P. Gran.	lb.	.32	.34	
Nitrate, cryst.	lb.	.24	.26	
Powdered	lb.	.28	.31	
Granulated	lb.	.24	.26	
Nitroferrocyanide	lb.	—	4.50	
Oxalate, 1-lb. bota.	lb.	1.10	1.23	
Persulphate, 1-lb. c.b. 9	lb.	1.25	1.35	
1-oz. c.v. 4	oz.	—	.13	
Phenolsulphonate	oz.	.16	.18	
Phosphate, 1-lb. bota.	lb.	.45	.55	
Salicylate	lb.	1.60	1.70	
Sulphate	lb.	.09	.16	
Pure, resub.	lb.	.20	.25	
Sulphocyanate, 1-lb. c.b.	lb.	1.90	2.00	
1-oz. c.v. 4	oz.	—	1.40	
Tartrate (neutr.)	lb.	1.30	1.40	
Valerate, U. S. P.	—	—	15.00	
Ammonol	oz.	—	1.00	
Amyl Acetate	gal.	5.75	6.00	
Technical	lb.	.90	1.00	
Nitrate, sealed tube	oz.	—	.40	
Nitrite, sealed tube	oz.	—	.40	
Anaesthesin	oz.	—	3.00	
Angelica Root, foreign	lb.	.45	.50	
Seed	lb.	.35	1.00	
Anise Seed	lb.	.35	.40	
Star	lb.	.50	.55	
Angostura Bark	lb.	.60	.65	
Anatto	lb.	—	.50	
Anatto Seed	lb.	.15	.20	
Anthion (Hypo. Elim), 100-gm. bottles	ea.	—	.60	
Antifebrin	oz.	—	.15	
Antifibrin	oz.	—	.15	
Antimony, arsenate	oz.	—	.25	
Arsenite	oz.	—	.30	
Chloride, Sol'n, 1-lb. g.s.b. 14	lb.	.27	.30	
(Sol'n Butter of Antimony)	—	—	—	
Needle	lb.	.25	.30	
Oxide, white	lb.	—	.60	
Sulphurated (Kermes Mineral)	lb.	1.25	1.35	
Antipyrine	lb.	1.90	1.95	
Apioi, liquid, green	oz.	—	.25	
Apocodine Hydrochl, 15 gr. ea. Apomorphine, Muriate, Amorphous, 1/4-oz. v.	oz.	—	4.50	
—	—	—	—	
—	—	—	46.00	
—	—	—	40	
—	—	—	1.50	
—	—	—	2.20	
—	—	—	1.80	

New York Jobbers' Prices Current of Drugs and Chemicals

Arnica Flowers .....lb.	3.25	— 3.50	Bismuth, Phenolsulphonate..lb.	—	9.30	Cantharides, Rus., sifted ....lb.	5.75	— 6.00
Powdered .....lb.	3.50	— 3.65	Phosphate .....lb.	—	5.20	Powdered .....lb.	6.25	— 6.50
Ground .....lb.	3.50	— 3.60	Salicylate, 40 p.c. ....lb.	—	4.75	Chinese .....lb.	1.25	— 1.50
Arnica Root .....lb.	.65	— .70	Sub-benzoate .....lb.	7.50	— 8.00	Powdered .....lb.	1.35	— 1.60
Arrowroot, American .....lb.	.08	— .15	Subcarbonate .....lb.	3.40	— 3.65	Capsicin .....oz.	.65	— .75
Bermuda, true .....lb.	.55	— .60	Subgallate .....lb.	3.50	— 3.70	Cantharidin, 5 gr. v. ....ea.	—	1.75
Jamaica .....lb.	—	—	Subiodide .....lb.	5.15	— 5.50	Capsicum .....lb.	.75	— .80
St. Vincent .....lb.	.23	— .25	Sublactate .....lb.	—	—	Powdered .....lb.	.30	— .35
Taylor's ¼-lb. in tin foil			Subnitrate .....lb.	2.95	— 3.05	Caoutchouc .....lb.	—	1.50
boxes, 12 lb. ....lb.	.45	— .48	Subsalicylate, Basic U.S.P..lb.	—	5.20	Caramel (Burnt Sugar) .....lb.	.18	— .25
Arsenic, Bromide, cryst. ....oz.	.36	— .40	Tannate .....oz.	.30	— .32	Caraway .....lb.	.80	— .85
Chloride .....oz.	—	.40	Valerate .....oz.	.60	— .70	Powdered .....lb.	.85	— .90
Iodide .....oz.	.38	— .40	Blackhaw Bark .....lb.	.30	— .35	Carbon Disulphide .....lb.	.30	— .35
White, powdered com'l. ....lb.	.30	— .35	Bloodroot .....lb.	.22	— .25	Tetrachloride .....lb.	.35	— .50
Powdered, pure U.S.P. ....lb.	.40	— .45	Blue Mass (Blue Pill) .....lb.	1.10	— 1.15	Cardamom, Seed, bleached ...lb.	1.75	— 2.25
Yellow (Opiment) .....lb.	.35	— .80	Powdered .....lb.	1.15	— 1.20	Decorticated .....lb.	.95	— 1.00
Powdered, Medic .....lb.	.40	— .45	Blue Vitriol (see Copper Sulphate).			Powdered .....lb.	1.00	— 1.10
Asafetida, good fair .....lb.	1.80	— 1.90	Bone, Cuttlefish .....lb.	.50	— .55	Carmine, No. 40. ....oz.	.45	— .50
Powdered .....lb.	2.10	— 2.20	Powdered .....lb.	.40	— .45	Carosol Compound .....gal.	—	.75
Asbestos .....lb.	.25	— .40	Jeweler's .....lb.	1.60	— 1.90	Cascara Amarga .....lb.	.55	— .60
Aspidospermine, Amorph. 15 gr.			Boneset, Leaves and Tops...lb.	—	.20	Sagrada Bark .....lb.	.20	— .25
Cryst. 15 gr. ....ea.	—	3.25	Borax, Refined .....lb.	.10	— .12	Cascarilla Bark .....lb.	.38	— .40
Aspirin .....oz.	—	.85	Powdered .....lb.	.12	— .14	Cascarina .....oz.	.45	— .75
25 oz. lots .....oz.	—	.80	Bromalim .....oz.	—	1.25	Cassia, China .....lb.	.15	— .25
Capsules, 5 grain, boxes of			Bromine .....oz.	.18	— .20	Powdered .....lb.	.20	— .35
12 .....doz.	—	1.68	Bromform .....lb.	3.50	— 3.75	Fistula .....lb.	.23	— .25
Capsules, 5 grain boxes of			Broom Tops .....lb.	.18	— .30	Saigon, thin, select .....lb.	.45	— .55
24 .....doz.	—	3.12	Bruceine .....oz.	—	1.75	Powdered .....lb.	.35	— .65
Tablets, 5 grain, boxes of			Bryony Root .....lb.	.55	— .60	Catechu, Medicinal .....lb.	.30	— .35
12 .....doz.	—	1.44	Buchu Leaves, long .....lb.	1.65	— 1.75	Catnip, lbs., pressed, oz. ....lb.	.27	— .30
Tablets, 5 grain, bottles of			Powdered .....lb.	1.80	— 1.90	Calophyllin .....oz.	.35	— .50
24 .....doz.	—	2.64	Short .....lb.	1.60	— 1.70	Celery Seed .....lb.	.40	— .45
Tablets, per 100 .....oz.	—	.88	Powdered .....lb.	1.70	— 1.80	Ceresin, white .....lb.	.23	— .28
Atophan (S. & G.) .....oz.	—	3.50	Buckthorn Bark .....lb.	.35	— .40	Yellow .....lb.	.21	— .26
Atramin .....oz.	—	.15	Buds, Balm of Gilead .....lb.	.35	— .40	Cerium nitrate .....oz.	—	.25
Atropine, 5 grains .....oz.	—	.85	Cassia .....lb.	.30	— .35	Oxalate .....lb.	1.00	— 1.10
Sulphate, 5 grains .....oz.	—	.65	Burdock Root, Crushed .....lb.	.35	— .45	Oxide .....oz.	—	.75
Balm of Gilead Buds .....lb.	.40	— .45	Seed .....lb.	—	.34	Chalk, Precipitated, English,		
Balmey Leaves, Pressed .....lb.	.28	— .30	Cacao Butter, bulk .....lb.	.38	— .42	7-lb. bags .....lb.	.12	— .15
Balsam Fir, Canada .....lb.	1.20	— 1.28	Baker's A and white .....lb.	.48	— .55	Prepared, Eng. Thomas,		
Oregon .....lb.	.20	— .25	Dutch .....lb.	.55	— .60	8-lb. box, white .....box	.80	— .85
Peru .....lb.	5.25	— 5.50	Huyler's 12-lb. box .....lb.	.48	— .55	Pink .....box	.60	— .70
Tolu .....lb.	.70	— .75	Cadmium Bromide .....lb.	2.60	— 2.75	White, bbls. ....lb.	.0094	— .04
Rapianin (Resinoid) .....oz.	.45	— .70	1-oz. c.v. ....oz.	—	2.80	Chamomile Flowers, Spanish lb.	.72	— .75
Barium Carb. prec., pure .....lb.	.35	— .40	Carbonate .....lb.	4.75	— 5.16	Roman or Belgian .....lb.	1.65	— 1.75
C. F., 1-lb. bots .....lb.	—	1.00	Iodide .....lb.	2.15	— 2.30	Charcoal, Animal, U. S. P. ....lb.	.12	— .45
Cassia Hyd'te, C.F. crys. ....lb.	.25	— .50	Metal, sticks .....lb.	2.00	— 2.30	Willow, powdered .....lb.	.08	— .18
Chloride 1-lb. bots .....lb.	.25	— .42	Nitrate .....lb.	1.85	— 2.00	Wood, powdered .....lb.	.12	— .18
Cyanide, techn. ....lb.	—	2.00	Sulphate .....lb.	—	15.65	Cherry Laurel Leaves .....lb.	.40	— .47
Dioxide, Anhydrous .....lb.	.55	— .65	Caffeine, pure .....oz.	—	1.10	Chicle .....lb.	.80	— .85
Hydroxide, pure, crys. ....lb.	.25	— .50	Acetate .....oz.	1.00	— 1.15	Chinoline .....oz.	.12	— .13
Iodide .....oz.	—	.40	Benzoate .....oz.	1.15	— 1.45	Chinolin, pure .....oz.	—	.45
Nitrate, powdered .....lb.	.22	— .27	Bromide .....oz.	.90	— 1.10	Chiretta .....lb.	.40	— .50
Pure, 1-lb. bots .....lb.	.45	— .55	Citrate .....lb.	8.75	— 9.00	Chloralamid, vials, 25 grs. ea.	—	1.50
Sulphate, Pow. (Barytes) .....lb.	.07	— .10	Hydrobrom. gr. eff. ....oz.	.60	— .75	Chloral Hydrate, cryst. ....lb.	1.65	— 1.80
Pure precip. ....lb.	.25	— .30	Hydrochlor (true salt) ....oz.	1.05	— 1.60	Chlorine Water (0.4 p.c. chlor.		
Sulphate, for X-ray diag. ....lb.	.50	— .55	Salicylate .....oz.	.90	— 1.00	1 oz.) .....lb.	—	.30
Basewood Bark, pressed .....lb.	—	.24	Sulphate, eighths .....oz.	1.25	— 1.60	Chloroform .....lb.	.80	— 1.00
Bayberry Bark, select .....lb.	.12	— .17	Valerate .....oz.	1.25	— 1.50	Chlorophyll, for Aqueous Sol. ....oz.	.60	— .70
Bay, Laurel Leaves .....lb.	.20	— .25	Calamine, Pink .....lb.	.40	— .45	For Alcoholic Sol. ....oz.	.60	— .70
Bay Rum, P. R., bbls. ....lb.	3.60	— 3.70	Calamus Root, peeled .....lb.	.35	— .40	Chromium Chloride, subl. ....oz.	—	.90
Less .....gal.	3.85	— 4.25	Powdered .....lb.	.45	— .50	Sulphate, scales .....lb.	.95	— 1.35
Beans, Calabar .....lb.	.38	— .42	White, peeled and split .....lb.	2.25	— 2.50	Powdered .....lb.	1.00	— 1.40
Para .....lb.	.70	— .75	Calcium Acetate, dried .....lb.	.70	— .80	Chrysarobin .....oz.	.50	— .52
Surinam .....lb.	.85	— .95	Benzoate .....oz.	—	.40	Cimicifuga .....oz.	—	1.00
St. Ignatius .....lb.	.30	— .35	Bromide .....lb.	1.20	— 1.30	Cinchona Bark, p.e., 2½ lb.	.70	— .75
Vanilla, Mexican, long .....lb.	7.50	— 8.00	Chloride, crude .....lb.	.08	— .15	Red .....lb.	.60	— .65
Short .....lb.	6.00	— 7.50	Fused .....lb.	.65	— .90	Yellow, Calisaya .....lb.	.45	— .50
Cuts .....lb.	4.50	— 5.00	Granulated .....lb.	.12	— .18	Cinchonidine, Alkal. pure ....oz.	.95	— 1.20
Bourbon .....lb.	4.00	— 4.25	Formate .....lb.	.11	— .12	Subphosphate .....oz.	.51	— .65
So. American .....lb.	4.00	— 4.50	Glycerophosphate .....oz.	.18	— .20	Hydrobromide .....oz.	.60	— .70
Tahiti .....lb.	1.75	— 2.00	Hypophosphite .....lb.	1.25	— 1.35	Hydrochloride .....oz.	.60	— .70
Heberline hydrochlor. ....oz.	—	2.50	Iodide .....lb.	4.10	— 4.60	Salicylate .....oz.	.51	— .65
Sulphate .....oz.	—	2.50	Lactate .....oz.	.19	— .22	Sulphate .....oz.	.37	— .67
Belladonna lva., 1-lb. bot. ....lb.	1.90	— 2.10	Lactophosphate Sol. ....lb.	2.00	— 2.25	Cinchonine, Alk. ....oz.	.33	— .65
Bulk .....lb.	1.80	— 1.90	Nitrate .....lb.	—	.85	Bisulphate .....oz.	.22	— .25
Root, German .....lb.	4.25	— 4.50	Oxalate .....lb.	1.90	— 1.50	Hydrochloride .....oz.	.38	— .50
Powdered .....lb.	4.45	— 4.70	Permanganate .....oz.	.35	— .40	Sulphate .....oz.	.37	— .47
Benzaldehyde .....lb.	6.00	— 6.25	Phosphate, Precip. ....lb.	.90	— .95	Salicylate .....oz.	.38	— .40
Benzanilide .....oz.	.50	— .60	Salicylate .....lb.	.35	— .40	Cinnabar, Ceylon .....lb.	2.00	— 3.00
Benzene .....oz.	.30	— .40	Sulphate, Precip., pure .....lb.	.14	— .18	Cinnamon .....lb.	.45	— .50
Benzoin, Siam .....lb.	2.00	— 2.15	Sulphite .....lb.	.14	— .18	Powdered .....lb.	.50	— .55
Sumatra .....lb.	.50	— .55	Sulphocarbonate .....oz.	.14	— .16	Citrol Solution, 1-lb. bottle .....lb.	—	.30
Powdered .....lb.	.60	— .65	Calendula Flowers .....lb.	3.25	— 3.50	3-oz. bottle .....oz.	—	.30
Benzonaphthol .....oz.	—	.70	Calomel (see Mercury Chlor.)			Civet .....oz.	3.00	— 3.25
Berberine, C.F., ¼-oz. v. ....ea.	—	—	Camphor, refined .....lb.	.79	— .87	Cloves, Zanzibar .....lb.	.60	— .65
Phosphate .....oz.	—	—	¼-lb. squares .....lb.	.88	— .93	Powdered, pure .....lb.	.65	— .70
Sulphate, 1-oz. v. ....oz.	2.80	— 3.00	Powdered .....lb.	.88	— .93	Penang .....lb.	.65	— .75
Berberis Aquifolium .....lb.	.25	— .28	Japanese .....lb.	.78	— .85	Cobalt, powd. (Fly Poison) .....lb.	.85	— .90
Beta Eucaine, (S. & G.) .....oz.	—	.16	Monobromated .....lb.	3.00	— 3.25	Carbonate .....oz.	—	.30
Betanaphthol, resub., U.S.P. ....lb.	1.50	— 1.60	Canary Seed, Sicily .....lb.	—	—	Chloride .....oz.	—	.18
oz.	.14	— .16	Smyrna .....lb.	.11	— .13	Nitrate .....oz.	—	.15
Betin (Resinoid) .....oz.	—	—	So. American .....lb.	.11	— .13	Sulphate .....lb.	1.00	— 1.05
Bismuth, Betanaph .....oz.	—	.43	Canella Bark, powdered .....lb.	.30	— .34	Cocaine, Alk., ¼-oz. v. ....oz.	12.45	— 12.65
Bromide .....lb.	4.45	— 4.60	Cannabine Tartrate .....oz.	—	—	Hydrochlor. cryst., oz. ....oz.	10.15	— 10.80
Citrate and Ammonium .....lb.	—	.45	Cannabis Indica Herb .....lb.	3.25	— 3.50	½-oz. vials .....oz.	10.35	— 11.00
Formic-iodide .....oz.	—	.45				Oleate (5 p.c. Alk.) .....oz.	—	—
Glycerite, N. F. ....lb.	—	1.80				Coca Leaves, Huanuco .....lb.	—	—
Hydroxide, pow'd. ....lb.	—	5.05				Truxillo .....lb.	.40	— .45
Oleate, 50 p.c.oz.	—	.50				Cocculus, Ind. (Fish Ber.)lb.	.18	— .20
Oxychloridelb.	—	4.35				Powderedlb.	.28	— .30
						Cochineal, Honduraslb.	.90	— 1.00

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Cochineal, Hond., Powdered lb.	1.05	-1.10	Dover's Powder	lb.	6.00	-6.50	Ginger Root, African	lb.	.20	- .25	
Cocaine	oz.	14.55	-15.80	Dragon's Blood, powdered ..	lb.	.60	-.65	Powdered	lb.	.25	- .30
Hydrochloride	oz.	13.15	-14.45	Extra	lb.	1.40	-1.45	Jamaica, bleached	lb.	.28	- .33
Nitrate	oz.	13.15	-14.45	Powdered	lb.	2.15	-2.25	Ground	lb.	.33	- .36
Salicylate	oz.	10.25	-10.50	Reeds	lb.	4.00	-4.25	Powdered	lb.	.35	- .38
Phosphate	oz.	11.00	-12.35	Duboisine Sulph. 5 gr. tubes	gr.	.19	-.21	Ginseng	lb.	7.50	-8.50
Sulphate	oz.	11.70	-13.05	Duotol	oz.	.35	-.40	Glauber's Salt (see Sodium Sulphate)			
Cohosh Root, black	lb.	.15	-.20	Dwarf Elder	lb.	.38	-.42	Glucose	lb.	.12	- .15
Blue	lb.	.14	-.19	Echinacea Root	lb.	.35	-.40	Glycerin, C. P., bulk, drums			
Colchicine, Amorph., 5 gr. v. gr.				Ground	lb.	.40	-.44	and bbls. added	lb.	.72	- .73
Colchicum Root	lb.	2.50	-2.75	Edinol (developer), 16-oz. bots				in cans	lb.	.74	- .75
Powdered	lb.	2.60	-2.85	incl.				Less	lb.	.80	- .83
Seed	lb.	4.30	-4.40	Eikonogen (developer), 16-oz. lb.		Nominal		Glycin (developer), 10-oz. bot			
Powdered	lb.	4.40	-4.50	1-oz.	lb.	.45		incl.	lb.	Nominal	
Collodion, U.S.P., 1900	lb.	.60	-.65	Elaterin	15 gra.	2.00		1 oz.	oz.	—	—
Cantharidal, U. S. P.	lb.	6.00	-6.50	Elaterium	oz.	1.35	-1.55	Glycyrrhizin, Ammoniacal	ozs.	oz 1.00	
Flexible, U. S. P.	lb.	.65	-.70	Elderberries	lb.	.25	-.30	Goa Powder	lb.	6.50	-7.50
Styptic, U. S. P.	lb.	1.10	-1.20	Flowers, pressed	lb.	.45	-.50	Gold Chloride Acid, Yellow, 15			
Colocynth, select	lb.	.38	-.46	Juice, Sambuci	lb.	.30	-.33	gr. g.s.v.	doz.	5.50	
Pulp	lb.	.60	-.65	Elm Bark, select	lb.	.28	-.33	Brown, 1/2-oz. v.	oz.	12.25	
Coltsfoot Leaves	lb.	.40	-.45	Ground, pure	lb.	.30	-.35	Gold and Sodium Chloride,			
Comfrey Root, crushed	lb.	.35	-.40	Powdered, pure	lb.	.33	-.36	U. S. P., 15 gr. v.	doz.	2.80	-3.40
Condurango Bark, true	lb.	.30	-.34	Emetin (Resinoid)	oz.	13.00		Gold Thrd. (Coptis trifol)	lb.	1.20	-1.40
Conium Leaves	lb.	.36	-.42	Emetine, Alkaloid, 15 gr. v. ea.		2.75		Golden Seal Root	lb.	5.50	-5.75
Seed	lb.	.25	-.30	Hydrochloride, 5 gr. v.		1.15		Powdered	lb.	5.60	-5.75
Copaiba S. A.	lb.	1.20	-1.30	Eosine	oz.	.80		Grains of Paradise	lb.	4.50	-4.75
Para	lb.	1.25	-1.35	Epsom Salts (see Mag. Sulph.)				Powdered	lb.	4.60	-4.85
Copper, Acetate, distilled	lb.	1.30	-1.45	Ergot, Russia	lb.	.95	-1.00	Grindelia Robusta Herb	lb.	.20	-.25
Ammoniated	lb.	.60	-.70	Powdered	lb.	1.00	-1.10	Powdered	lb.	.27	-.32
Arsenate	oz.	.15	-.17	Ergotin, Bonjean	lb.	.70	-.75	Squarrosa	lb.	.30	-.40
Arsenite	oz.	.12	-.13	Erythroxilin (Resinoid)	oz.	6.30		Guaiac, Resin	lb.	.50	-.55
Carbonate	lb.	.45	-.60	Eserine (Alk.), 5 gr. v.	gr.	.30		Powdered	lb.	.55	-.60
Chloride, pure, cryst.	lb.	1.20	-1.30	Hydrobromide, 5 gr. v.	gr.	.30		Wood rasped	lb.	.03	-.06
Ferrocyanide, 1-oz. c.v. 4 oz.				Hydrochloride, 5 gr. v.	gr.	.30		Guaiacol, liquid	oz.	1.65	-1.75
Hydroxide	lb.	2.00		Sulphate, 1 gr. tubes	ea.	.35		Carbonate	oz.	4.50	-4.75
Iodide	lb.	.36	-.55	Eserine-Pilocarpine, 3 gr. v. ea.		.80		Phosphate	oz.	1.75	
Nitrate	lb.	.35	-.55	Ether, Acetic	lb.	.70	-.80	Salicyl (Guaiac, Salol)	oz.	1.60	
Oleate, 20 p.c.	oz.	.23		Chloric	lb.	.80		Valerianate (Geosote)	oz.	1.34	
Subacetate (Verdigris)	lb.	1.00	-1.10	Nitrous Conet	lb.	1.35	-1.50	Guaiacuin	oz.	1.00	
Powdered	lb.	1.10	-1.15	U. S. P.	lb.	.45	-.50	Guarana (Paullinia)	lb.	1.45	-1.50
Sulphate (Blue Vit.)	lb.	.14	-.17	U. S. P., 1880	lb.	.44	-.49	Powdered	lb.	1.65	-1.75
Bbls.	lb.	1.04	-1.14	Valerianic	oz.	.52	-.62	Gun Cotton (Pyroxylin)	oz.	.20	-.25
Powdered	lb.	.11	-.16	Washed	lb.	.32	-.37	Gutta Percha, crude chips ..	lb.	2.00	-2.15
Copperas	lb.	.22	-.28	Ethyl Acetate, U.S.P.	lb.	.75	-1.20	Gutta Percha, crude chips ..	lb.	1.50	-1.75
Coriander	lb.	.23	-.28	Benzate	lb.	6.50		Sheet	lb.	2.15	
Powdered	lb.	.28	-.32	Bromide, 1 oz. seal, tube ea.	oz.	.25		Heliosol	oz.	1.75	
Corrosive Sublimate (see Mer-				Chloride, 10 gm. seal, tube ea.	oz.	.40		Heliotropin	oz.	.32	
cury Bichloride)				Iodide, 1 oz. seal, tube	oz.	.50		Hellebore Root white powd. lb.	lb.	.30	-.38
Coto Bark	lb.	.35	-.45	Eucaine Hydrochlor.	oz.	3.50		Helmitol	lb.		
Cotoin, true, 1/4-oz. v.	oz.	27.00		Eucalyptol, U. S. P.	lb.	.17	-.19	Hemlock Bark crushed	lb.	.15	-.18
Cotton Root Bark	lb.	.20	-.25	Eucalyptus Leaves	lb.	.15	-.20	Powdered	lb.	.18	-.20
Powdered	lb.	.25	-.30	Eudoxine	oz.	2.10		Gum	lb.	1.00	-1.10
Couch Grass (Doggrass)	lb.	.12	-.20	Eugenol, U. S. P. oz. 35	lb.	4.50		Hemogallol	oz.	.80	
Cramp Bark	lb.	.12	-.20	Euresol	oz.	2.10		Hemoglobin	oz.	.30	
Coumarin	oz.	1.70	-1.80	Pro Capillis	oz.	2.10		Hemp Seed	lb.	.11	-.14
Cranesbill	lb.	.24	-.29	Eucyonin (Eclic. powd.)	oz.	.40		Hemol	lb.	.80	-.85
Powdered	lb.	.30	-.35	Euphorbium	lb.	.35	-.45	Henbane Leaves, Eng.	lb.		
Cream of Tartar, powdered ..	lb.	.62	-.66	Powdered	lb.	.45	-.50	German	lb.	5.50	-5.75
Creosote, Beechwood	oz.	.18	-.20	Euphorine	1/2 oz.	oz.		Powdered	lb.	5.60	-5.85
Carbonate	oz.	1.95		Euquinine	oz.	1.80		Seed	lb.		
Phosphate	oz.	1.50		Europhen	oz.	1.80		Henna Leaves	lb.	.40	-.50
Valerate	oz.	1.50		*Exalgine	oz.	1.40	-1.60	Herod, 15 gr. v.	ea.	1.15	-1.25
Cresol U. S. P.	lb.	.35	-.40	Extract Male Fern	oz.	1.40	-1.60	Hyd'chl. 15 gr. v.	ea.	1.15	-1.25
Croton-Chloral (Butylchl.) ..	oz.	.55	-.65	Fennel Seed	lb.	.80	-.85	Hexamethylenamine	lb.	1.15	-1.25
Cubeb Berries, sifted	lb.	1.30	-1.35	Saxol	lb.	.25	-.30	Hiera Picra	lb.	.45	
Powdered	lb.	1.40	-1.45	French	lb.	.25	-.30	Holocain, 1 gm. vials	ea.	.35	
Cudbear	lb.	.45	-.55	Ferratin	oz.	1.30		Homatropin Alk.	gr.	.54	-.65
Culver's Root	lb.	.27	-.30	Tablets, 7 1/2 gr. bots. of 50		1.30		Hydrobromide	gr.	.54	-.65
Cumin Seed	lb.	.30	-.35	Ferrypyrin (Hoechst)	oz.	1.25		Hydrochloride	gr.	.54	-.65
Cyanine, 15 gr. vial	ea.			Ferrous Oxalate (Photog.), 1 lb.		1.50		Salicylate and Sulphate ..	gr.	.54	-.65
Cypripedin (Resinoid)	oz.	1.25		c.b. 9	oz.	1.50		Honey, strained	lb.	.23	-.26
Damiana Leaves	lb.	.20	-.25	1 oz. c.v. 4	oz.	1.15		Hops, select (1917)	lb.	.35	-.40
Damiana Root	lb.	.30	-.35	Flaxseed, cleaned	bbls.	15.00		Pressed, 1/4 and 1/2 lb. pkgs.	lb.	.46	-.48
Dandelion Herb	lb.	.50	-.55	Less	lb.	.11	-.14	Horshoud. Leaves	lb.	.25	-.30
Cut	lb.	.55	-.60	Ground	lb.	.11	-.14	Hydractin	oz.	2.00	
Daturine Sulph. 5-10-15 gr. v. gr.				Foenugreek Seed	lb.	.14	-.16	Hydrangea Root	lb.	.22	-.25
Dermatol	oz.	.19	-.26	Ground	lb.	.18	-.20	Hydrastin (Resinoid)	oz.	2.50	
Dextrine, yellow	lb.	.13	-.15	Formaldehyde	lb.	.28	-.39	Muriate (Resinoid)	oz.	4.25	
White	lb.	.22	-.25	Formosulphite, 1 lb. c.b. inc. lb.		.50		Sulphate (Resinoid)	oz.	5.00	
Dextro-quinine	oz.	.37		1/4-lb. c.b. inc.	lb.	.20	-.25	Hydrastine, Alk., C. P.	oz.	24.00	-26.00
Diaceylmorphine, Alk. 1/4-oz. v.		23.60	-23.85	Fuller's Earth	lb.	.05	-.08	Hydrochloride	oz.	24.00	-26.00
Hydrochloride, 1/4-oz. v.	oz.	21.45	-21.70	Fustic, chips	lb.	.07	-.10	Sulphate	oz.	24.00	-26.00
Dianol (developer), 1-lb. bots				Gaduol	oz.	1.00		Hydrastine Hydrochloride,			
incl.	lb.	Nominal		Galangal Root, selected	lb.	.30	-.35	5 gr. v.	ea.	5.5	
1-oz.	lb.	.80		Galbanum, strained	lb.	2.00	-2.75	Hydrazine Sulphate	oz.	5.80	
Diethyl Barbituric Acid (Ver-				Gambier	lb.	.20	-.25	Hydroquinone, 1-lb. cans or car-	lb.	2.55	-2.62
onal)	oz.	2.50		Gamboge, blocky	lb.	2.50	-2.60	tons incl.	lb.		
Digalen, 1/2-oz. v.	vial	1.70		Powdered	lb.	2.55	-2.65	Hydrogen Peroxide, Sol., Me-			
Digipuratum, 1/4-oz.	ea.	21.00	-22.00	Select, Pipe, bright	lb.	3.05	-3.15	dicalinal	lb.	.21	-.30
Digitalin, eighths	ea.	1.00	-1.05	Garlic, on strings	string	.25	-.30	Sol. Technical	lb.	.15	-.22
15 gr. vials	ea.	1.00	-1.05	Gaultheria (see Wintergreen)				Hydrochloride, 1 gr. v.	gr.	.67	-.78
Digitalis Leaves, Eng.	lb.	1.00	-1.10	Gelatin, French Cognets	lb.	1.20	-1.30	Hyoscyamin (Resinoid)	oz.	3.00	
Bulk	lb.	.75	-.80	German White Gold Label ..	lb.	1.80	-1.90	Hyoscyamine, Amorph., 15 gr.			
Powdered	lb.	1.00	-1.10	German White Silver Label ..	lb.	1.65	-1.75	vials	ea.	3.75	
Pressed, ozs.	lb.	.90	-1.00	Gelsemin (Resinoid)	oz.	5.25		Crystals, white	gr.	.30	-.35
Digitoxin, 1 gr. v.	ea.	2.00		Gelseminine, C. P. crystals,				Hydrobromide	gr.	.11	-.12
Diogen, 16 oz.	oz.			Ger. 15 gr. v.	ea.	5.00		Hypnone	oz.	2.15	
1 oz.	oz.			Sulphate, 15 gr. v.	ea.			Hyrgulom (Colloidal Mer'y) oz.		.85	
Digitonin	oz.	21.50	-21.80	Gelsemium Root	lb.	.16	-.20	Iceland Moss	lb.	.50	-.60
Diuretin	oz.	1.75		Powdered	lb.	.25	-.30	Ichthabin	oz.	1.20	
Dog Grass, cut	lb.	1.60	-1.75	Gentian, Root	lb.	.25	-.30	do Tablets 5 gr. 100 in bot.			
				Powdered	lb.	.30	-.35				

*Nominal.

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Iodthyl	lb.	—	—	Lead Chromate, pure fused lb.	—	1.10	Mercury, Cyanide	lb.	—	5.65
Ichthyat	lb.	1.80	2.25	Iodide, powdered	oz.	.22	Chloride Mild (cal'l)	lb.	2.10	2.30
Imogen, 1 lb.	lb.	—	—	Nitrate	lb.	.28	Iodide, green, Proft.	lb.	4.75	5.00
1 oz.	oz.	—	.30	Oleate, 10 p.c.	oz.	.20	Red, (Pre.) Biniodide ..	lb.	5.00	5.15
Indigo Bengal, true	lb.	3.75	5.00	Lecithin	oz.	—	Nitrate	oz.	—	.25
Carmine, Dry	oz.	.50	.56	Leeches, best Swedish	ea.	.18	Oxide, Red (red pre.)	lb.	2.26	2.50
Insect Powder	lb.	.55	.65	Lemon Peel Ribbons	lb.	.20	Yellow	oz.	—	.26
Pure Uncol'd Dal'm	lb.	.80	.85	Ground	lb.	.20	Salicylate	oz.	.22	.25
Inulin (Resinoid)	oz.	—	1.25	Lenigallol	oz.	—	Sulphate (Turp. M'l)	lb.	3.40	3.55
Iodine Resublimed	lb.	4.35	4.85	Levulose, cryst.	oz.	—	Sulphocyanate	lb.	3.50	3.65
Monobromide	oz.	—	.30	Licorice, domestic sticks ..	lb.	.58	Mercury with Chalk (by sus-			
Monochloride	oz.	—	.75	Corigliano	lb.	—	cussion)	lb.	1.08	1.15
Trichloride	oz.	—	.95	Mass, Spanish	lb.	.60	Mesotan (25 oz. 43)	oz.	—	.47
Idipin, 10 p.c.	oz.	—	—	Powdered	lb.	—	Metacarb. (devel.), 4-oz.	oz.	—	—
25 p.c.	oz.	—	—	Root, Russian, cut	lb.	1.00	1-oz.	oz.	1.00	1.10
Iodoform, cryst. & powd. ..	lb.	5.10	5.65	Powdered	lb.	1.15	Methylene, Blue	oz.	1.10	1.20
Deodorised	lb.	.70	.90	Root, Spanish, bundles ..	lb.	.35	Metol (developer), 16 oz.	oz.	—	—
Iodol	oz.	—	—	Powdered	lb.	.40	Millet Seed	lb.	.07	.10
Iodothyrene, ¼-oz. vials ..	oz.	—	3.90	Lilacine	oz.	.75	German	lb.	—	—
Ipecac Root, Carthagea ..	lb.	2.00	2.15	Lime, Chlorinated, bulk ..	lb.	.09	Monomethyl-Para-amido-Phenol			
Powdered	lb.	3.50	3.60	Assort., 1, ½ and ¼-lb.	lb.	.12	(chem. ident. with Metol) ..	oz.	—	3.90
Rio	lb.	3.45	3.50	Lime Sulphurated, U. S. P. ..	lb.	.45	Morphine, Acet. ½-oz. v.	oz.	16.50	17.15
Irish Moss, bleached	lb.	.22	.25	Litharge	lb.	.17	Alkaloid, pure ¼-oz. v.	oz.	20.50	21.55
Irisin (Eclectic Powder)	oz.	.36	.45	Lithium, Acetate	oz.	.23	Hydrobromide, ¼-oz. v.	oz.	16.85	17.15
Iron, Acetate, dry	oz.	.14	.16	Benzoate	oz.	.45	Hydrochloride, ¼-oz. v.	oz.	16.85	17.15
Benzoate	oz.	.40	.40	Benzo-salicylate	lb.	8.00	Mecenate	oz.	—	18.20
Bromide	oz.	.18	.22	Bitartrate	oz.	—	Sulphate, 1-oz. v.	oz.	16.90	17.05
Chloride, cryst., U.S.P.	lb.	.25	.30	Bromide	lb.	3.20	¼-oz. vial	oz.	16.55	17.15
Citrate, U. S. P.	lb.	.95	1.04	Carbonate	lb.	1.85	Valerate, ¼-oz. v.	oz.	—	—
and Ammonia, Sol.	lb.	.90	.98	Chloride	oz.	.28	Mullein, Flow., 1-lb. cans ..	lb.	2.75	3.25
and Quin. Cit. U. S. P.	lb.	3.50	3.75	Citrate	lb.	2.60	Powdered	lb.	3.50	4.00
(12 p.c. Q.) Scales	lb.	4.25	4.50	Glycerophosphate	oz.	—	Seed	lb.	.45	.50
Glycerinophosphate, sol.	oz.	—	.36	Iodide	oz.	.48	Mustard Seed, black	lb.	.25	.30
Hypophosphite	lb.	2.55	2.75	Salicylate	lb.	3.15	Ground	lb.	.26	.33
Iodide	oz.	.35	.40	Lobelia Herb	lb.	.15	White	lb.	.25	.30
Syrup	lb.	.40	.45	Powdered	lb.	.20	Ground	lb.	.35	.40
Nitrate Sol., U. S. P.	lb.	.27	.30	Seed (cleaned)	lb.	.36	Myricin (Resinoid)	oz.	—	.60
Oxalate (Ferrous)	oz.	.15	.17	Powdered	lb.	.42	Myrrh (Gum-Resin)	lb.	.60	.65
Oxide (Subcarb.)	lb.	.11	.15	Lobelin (Resinoid)	oz.	.70	Naphthalene, flake or balls ..	lb.	.12	.18
Red, Saccharated	oz.	.50	.58	Lodestone	lb.	.30	Naphthol, Alpha	lb.	3.50	3.50
Peptonized	lb.	3.00	3.00	Powdered	lb.	.35	Beta, resubm.	lb.	1.50	1.60
Phosphate, gran., lb. bota. ..	lb.	.85	.90	London-Purple	lb.	.20	Beta, Benzoate	oz.	—	.70
U. S. P. Scales	lb.	.85	.93	Lovage Root, sel., white ..	lb.	.60	Narcotine, pure ¼-oz.	ea.	—	.25
Precipitated, 1-lb. bota.	lb.	.35	.40	Seed	lb.	.60	Nerol (Identical with Amidol),			
Protocarb. (Vallet's M)	lb.	.30	.40	Lupulin	lb.	2.80	1-oz.	oz.	—	.30
Pyrophosph. Scales Sol.	lb.	.90	.98	Lycetol	oz.	—	Nickel and Ammon. Sul.	lb.	.19	.21
Queen's (by hydr.)	lb.	.58	.90	Lycopodium	lb.	2.00	Acetate	oz.	—	.15
Salicylate	oz.	.20	.30	Mace, whole	lb.	.80	Bromide	oz.	—	.30
Sesquichloride	lb.	.30	.35	Madder, Dutch	lb.	.45	Chloride	lb.	1.00	1.00
Solution	lb.	.09	.15	Powdered	lb.	—	Iodide	oz.	—	.170
Subsulphate	lb.	.27	.33	Magnesia, Calcined, See Oxide, heavy.			Sulphate	lb.	—	.27
Solution (Monell's)	lb.	.12	.15	Magnesium, Benzoate	oz.	.45	Nirvanin	oz.	—	3.50
Sulph. (Coppers)	lb.	2.20	2.50	Carbonate, U. S. P.	4 oz.	.41	Nitro Glycerin 1 p.c. sol.	oz.	—	.20
Cryst., pure	lb.	.08	.12	2-oz.	lb.	.42	Novaspirin	oz.	—	—
Dried	lb.	.15	.18	Glycerophosphate	oz.	.32	25-oz. lote	oz.	—	—
Tartrate & Ammonium	lb.	1.10	1.20	Hypophosphite, pure	lb.	2.35	Tablets, 100s	oz.	—	—
and Potass. Scales	lb.	1.10	1.20	Iodide	oz.	.42	Novocain (Hoechst), 5 gram			
Tersulph. Sol., U. S. P.	lb.	—	.23	Lactate	oz.	.40	vials	ea.	—	—
Valerate	lb.	.80	.90	Metal, Powdered	oz.	.57	Nutgalls	lb.	.55	.60
Isarol, glass bota.	lb.	3.70	3.70	Ribbon	oz.	4.00	Powdered	lb.	.65	.70
Isinglass, Russian	lb.	5.00	5.25	Nitrate	lb.	—	Nutmegs	lb.	.45	.50
American	lb.	9.00	1.05	Oxide, yellow, pure	lb.	1.00	Extra large	80 to lb.	.50	.55
Jaborandi Leaves	lb.	.30	.35	Technical	lb.	.40	Nux Vomica	lb.	.15	.18
Jalap Root, selected	lb.	.55	.60	Technical, kegs	lb.	.19	Powdered	lb.	.25	.30
Powdered	lb.	.60	.65	Bbls.	lb.	.17	Oil, Almond, bitter	lb.	15.75	16.25
Jamaica Dogwood	lb.	—	.25	Ponderous, U. S. P.	lb.	.95	Without acid	lb.	16.00	16.50
Jequirity Seed (Abrus Precat-				Technical	lb.	.90	Almonds, sweet	lb.	1.17	1.30
torius)	oz.	10	12	Peroxide	lb.	2.45	Amber, crude, dark	lb.	1.75	1.85
Job's Tears	lb.	.25	.30	Phosphate, pure	oz.	.06	Rectified	lb.	2.00	2.25
Juglandin (Resinoid)	oz.	.36	.45	Salicylate	lb.	1.40	Angelica	oz.	—	—
Juniper Berries	lb.	.12	.15	Sulphate (Sal. Epom.)	lb.	.05	Anised, Star	lb.	1.35	1.45
Kamala	lb.	1.90	2.00	C. P. Crystals	lb.	.20	Bay	lb.	3.50	4.25
Powdered	lb.	2.10	2.20	Dried	lb.	.20	Benne (Sesame), American			
Purified	lb.	2.25	2.35	Malva Flowers large	lb.	—	Bbls. or less	gal.	3.00	3.75
Kaolin	lb.	.07	.09	Blue, small	lb.	3.50	Bergamot	lb.	7.25	7.50
Kava Kava	lb.	.26	.30	Manaca Root	lb.	.45	Birch, Black (Betula)	lb.	3.00	3.15
Powdered	lb.	.72	.80	Mandrake Root	lb.	.16	Birch Tar Crude	lb.	1.10	1.20
Kola Nuts, small and large ..	lb.	.25	.30	Powdered	lb.	.22	Refined	lb.	3.75	4.00
Powdered	lb.	.30	.35	Manganese, Bromide	oz.	.22	Cade	lb.	1.40	1.50
Koussou powdered	lb.	.65	.75	Carbonate, cryst., met.	oz.	.10	Cajuput, bottles	lb.	1.20	1.25
Lactucarium, German	oz.	1.70	1.75	Chloride, cryst.	lb.	.70	Campbor	lb.	.30	.35
Lactophenin	oz.	—	1.00	Glycerophosphate	oz.	.32	Capicum	oz.	—	.50
Ladies' Slipper Root	lb.	.40	.47	Hypophosphite	lb.	2.65	Caraway	lb.	10.50	11.00
Linoline	lb.	—	—	Iodide	oz.	.42	Cassia	lb.	2.25	2.50
Anhydrous	lb.	—	—	Lactate	oz.	.40	Castor, American	lb.	.32	.38
Lanum, "Merck"	lb.	—	.65	Oxide black powder	lb.	.15	Cedar Leaves, pure	lb.	1.30	1.40
Anhydrous	lb.	—	.70	Peptonized	lb.	3.00	Wood	lb.	.40	.50
(See also Adeps Lanne)				Peroxide, pure	lb.	.60	Celery	oz.	2.00	2.10
Larkspur Seed	lb.	.35	.40	Sulph., pure cryst.	lb.	.60	Chaulmoogra	lb.	2.50	2.75
Powdered	lb.	.45	.50	Manna, flake large	lb.	1.40	Cherry Laurel	oz.	—	.75
Lavender Flowers	lb.	.40	.45	Small	lb.	1.20	Cinnamon, Ceylon	oz.	1.50	1.75
Extra	lb.	.45	.50	Sorts	lb.	.85	Citronella	lb.	.70	.80
Hand picked	lb.	.55	.60	Marjoram Leaves	lb.	.28	Citronellol	lb.	.70	.80
Lead Acetate (sugar)	lb.	.24	.35	Mastic	lb.	.80	Cloves, American	lb.	4.25	4.50
Carbonate, Medicinal	lb.	.55	.60	Matico leaves	lb.	.35	Cocanut	lb.	.25	.30
Chloride	lb.	.75	.85	Menthol, cryst.	lb.	3.75	Cod Liver, Newfoundland gal.	3.00	3.25	
				Mercury	lb.	1.70	Norwegian	gal.	4.70	4.80
				Ammon. pure	lb.	2.40	Bbls.	ea.	125.00	128.00
				Bichloride (cor. sub.)	lb.	1.90	Martin's	lb.	—	135.00
				Powdered	lb.	1.90				
				Bisulphate	lb.	1.80				

New York Jobbers' Prices Current of Drugs and Chemicals

Oil, Copaiba, pure.....lb.	1.40	— 1.50	Ointment, Citrine.....lb.	.83	— .90	Potassium Bromide.....lb.	1.55	— 1.75
Coriander.....oz.	1.40	— 1.90	Iodine.....lb.	—	— 1.00	Carbonate tech.(Pearl Ash)lb.	1.00	— 1.10
Cottonseed, yel. & wh.....gal.	1.60	— 1.65	Mercurial, 1/2 mercury.....lb.	1.45	— 1.60	U. S. P.....lb.	1.45	— 1.55
Croton.....lb.	1.20	— 1.30	1-3 Mercury.....lb.	1.10	— 1.20	Refined (Sal Tartar).....lb.	2.00	— 2.10
Cubeb.....lb.	8.00	— 8.35	Zinc Oxide.....lb.	—	— .50	Chlorate.....lb.	.57	— .70
Cumin.....lb.	6.50	— 7.00	Opium (Natural).....lb.	30.00	— 32.00	Granulated.....lb.	.78	— .85
Dill.....oz.	.45	— .50	Granulated.....lb.	32.00	— 35.00	Powdered.....lb.	.58	— .71
Erigeron, true.....lb.	2.00	— 2.25	U. S. P. Powdered.....lb.	32.00	— 35.00	Chloride, C. P.....lb.	1.35	— 1.45
Fennel Seed, pure.....lb.	4.75	— 5.00	Orange Flowers.....lb.	1.30	— 1.45	Citrate.....lb.	1.95	— 2.05
Eucalyptus.....lb.	1.00	— 1.10	Peel, Curacao.....lb.	.20	— .25	Cyanide.....lb.	2.90	— 2.75
Fusel, Crude.....gal.	6.25	— 6.50	Orphol.....oz.	—	—	Fluoride.....lb.	3.00	— 3.25
Pure.....lb.	1.05	— 1.15	Orris, Florentine.....lb.	.30	— .35	Glycerophosphate.....oz.	.27	— .30
Gaultheria Leaf.....lb.	4.75	— 5.00	Select Finger.....lb.	2.50	— 2.75	Hypophosphite.....lb.	3.30	— 3.45
Geranium, Rose.....lb.	16.50	— 18.50	Verona.....lb.	.20	— .25	Iodide.....lb.	3.90	— 4.05
Turkish.....lb.	14.50	— 15.00	Orthoform.....oz.	—	— 3.75	Iodate.....oz.	—	— .35
Ginger.....oz.	.55	— .60	Ortol (developer), 16-oz. bottles			Lactate 75-80 p.c.....lb.	—	— 2.80
Gingergrass.....lb.	2.00	— 2.25	incl.....lb.	Nominal		Lactophosphate.....oz.	.20	— .24
Haarlem, Dutch.....doz.	—	— .85	1-oz.....oz.	—	— .80	Metabisulphite, 1-lb. c.b. 9 lb.	1.50	— 1.80
Sylvester's.....doz.	3.00	— 3.25	Ortol Bisulphate, tubes.....set	—	— .50	Nitrate.....lb.	.40	— .45
Hemlock.....lb.	1.00	— 1.15	Ovaraden.....oz.	—	— 1.10	Powdered.....lb.	.35	— .42
Henbane.....lb.	—	— 1.50	Ovarin.....oz.	5.00	— 5.35	C. P.....lb.	.50	— .60
Juniper Berries.....lb.	19.00	— 20.00	Oxgall, purified, U. S. P.....lb.	—	— 2.00	Pernanganate.....lb.	4.75	— 5.00
Wood Comp'd.....lb.	2.75	— 3.00	Palladium Dichloride, 15 gr. v.ea.	—	— 2.50	Phenolsulphonate.....oz.	—	— .35
Lard.....gal.	2.20	— 2.30	Pancreatin, U. S. P.....oz.	.70	— .80	C. P.....lb.	—	—
Lavender, Mitcham.....oz.	—	—	Paprika pods, Hungarian.....lb.	.65	— .70	Prussiate, red.....lb.	3.60	— 3.85
Flowers.....lb.	6.25	— 6.50	Paraffin.....lb.	.16	— .20	Yellow.....lb.	1.75	— 1.85
Garden, French.....lb.	1.00	— 1.25	Paraform.....oz.	.14	— .18	Salicylate.....oz.	.20	— .25
Spike.....lb.	1.40	— 1.50	Paraldehyde, U.S.P.....lb.	3.25	— 3.50	Sulphate.....lb.	.88	— .93
Lemon.....lb.	1.40	— 1.50	Paramidophenol (Hydrochloride)			Sulphide.....lb.	1.10	— 1.40
Lemongrass.....lb.	1.50	— 1.60	1-oz. c.c. v. incl.....oz.	—	—	C. P.....lb.	.90	— 1.15
Limes, expressed.....lb.	3.40	— 3.50	Pareira Brava Root.....lb.	.65	— .75	Tartar.....lb.	1.30	— 1.40
Distilled.....lb.	1.35	— 1.50	Paris Green.....lb.	.50	— .55	Prickly Ash Bark.....lb.	.25	— .30
Linseed, boiled.....gal.	1.81	— 2.00	Parsley Seed.....lb.	.28	— .33	Powdered.....lb.	.32	— .37
Raw.....lb.	1.80	— 2.00	Patchouli Leaves.....lb.	.60	— .65	Berries.....lb.	.25	— .30
Lobelia.....oz.	—	— .75	Pelletierine Sulphate, 15 gr. v.ea.	—	— 1.75	Protargol.....oz.	1.25	— 1.35
Mace, distilled.....lb.	3.25	— 4.00	Tannate, 15 gr. v.....ea.	—	— 1.00	Pulsatilla Herb.....lb.	4.20	— 5.00
Expressed.....lb.	2.00	— 2.10	Pellitory Root.....lb.	.55	— .65	Pumpkin Seed.....lb.	.20	— .25
Male Fern, Etheral.....oz.	1.45	— 1.55	Pennyroyal, Herb.....lb.	.20	— .25	Pyoktanin Blue.....oz.	2.50	— 3.00
Mustard, artificial.....oz.	1.60	— 1.80	Pepper, black, clean sift.....lb.	.32	— .37	Pyridine.....oz.	—	— .25
Essential.....oz.	2.45	— 2.55	White.....lb.	.40	— .45	Pyrocatechin Resublimed.....oz.	—	— .80
Musk.....oz.	27.00	— 28.00	Peppermint Herb, Germ.....lb.	.70	— .75	Quassia, rasped.....lb.	.12	— .18
Neatsfoot.....gal.	1.80	— 1.90	Leaves, pressed, oia.....lb.	.25	— .35	Powdered.....lb.	.17	— .20
Neroli, Bigarade, best.....oz.	4.50	— 4.70	Persian Berries.....lb.	.45	— .55	Quebracho Bark.....lb.	.45	— .50
Petale, extra.....oz.	5.25	— 5.50	Petroleum, U. S. P., white lb.	.21	— .27	Queen of Meadow Leaves.....lb.	.25	— .30
Nutmeg.....lb.	1.90	— 2.00	Phenacetin (Bayer).....oz.	—	— 2.40	Quince Seed.....lb.	1.00	— 1.10
Olive Lucca, Cream, 1/2-gal.		— 4.25	do (L. & F.).....oz.	—	— 2.40	Quinidine, Alk., cryst.....oz.	.82	— 1.00
and 1-gal. cans.....gal.	4.00	— 4.25	Pheno-bromate.....oz.	—	— 2.80	Sulph.....oz.	.47	— .57
3 and 6 gal. cans.....gal.	3.65	— 3.75	Phenol-bismuth.....oz.	—	— 70	Quinine, Alkaloid.....oz.	—	— 1.85
Malaga.....gal.	2.65	— 2.85	Phenolphthalein.....oz.	.70	— .75	Acetate.....oz.	—	— 1.65
Pompeian.....gal.	3.50	— 3.80	Phosphorus, Amorphous.....lb.	2.20	— 2.36	Arsenite.....oz.	—	— 1.65
Orange, bitter.....lb.	3.00	— 3.25	Photol.....oz.	—	— 4.00	Benzate.....oz.	—	—
Sweet.....lb.	3.25	— 3.50	Pichi Herb.....lb.	.22	— .25	Bisulphate.....oz.	—	— .95
Origanum, mixture.....lb.	.35	— .50	Pilecarpine, Alk., pure.....gr.	.10	— .12	Carbolate.....oz.	—	—
Palm Lages.....lb.	.16	— .20	Hydrobromide, 5 gr. v.....gr.	—	— .10	Citrate.....oz.	—	— 1.55
Kernel.....lb.	.35	— .40	Hydrochloride, 5 gr. v.....ea.	—	— .40	Glycerophosphate.....oz.	—	— 2.47
Paraffin, Domestic.....gal.	1.40	— 1.50	Nitrate.....gr.	.07	— .08	Hydrobromide.....oz.	—	— 1.47
Light.....gal.	—	—	Salicylate, 5 gr. v.....gr.	—	— .10	Hypophosphite.....oz.	—	— 1.65
Russian.....gal.	—	—	Pink Root, true.....lb.	.55	— .60	Phenolsulphonate.....oz.	—	— 1.49
Patchouli.....oz.	2.25	— 2.50	Piperidine.....oz.	—	— 1.00	Phosphate.....oz.	—	—
Peach Kernels.....lb.	1.80	— .80	Piperazine.....10 grm. vial	—	— 3.00	Lactate.....oz.	—	— 1.66
Peanut.....gal.	1.85	— 1.90	Pipissawa Leaves.....lb.	.32	— .45	Salicylate.....oz.	—	— 1.39
Pennyroyal.....lb.	1.85	— 1.95	Pitch, Burgundy.....lb.	.10	— .12	Sulphate, 100-oz. tins.....oz.	.83	— .85
Pepper, black (Oleoresin, U. S. P.).....lb.	—	—	Plaster, calcined.....bbi.	2.90	— 2.95	5-oz. cans.....oz.	.85	— .88
Peppermint, N. Y.....lb.	3.85	— 4.40	True, dentist's, sifted.....bbi.	4.25	— 4.50	1-oz. cans.....oz.	.90	— .95
Hotchkiss.....lb.	4.50	— 4.75	Platinite Ammonium Chloro, 15 gr. vials.....ea.	1.80	— 2.00	Valerate.....oz.	—	—
Western.....lb.	3.85	— 4.40	Platinite Potassium Chloro, 15 gr. vials.....ea.	2.00	— 2.20	Rape Seed, English.....lb.	.13	— .18
Petit Grain.....oz.	.75	— .85	Pleurisy Root.....lb.	.25	— .30	German.....lb.	—	—
Pimenta.....lb.	3.25	— 3.50	Plumbago, C. P.....oz.	.50	— .60	Raspberries, dried.....lb.	.65	— .70
Pine Needles.....lb.	5.00	— 7.00	Podophyllin (Resin).....lb.	4.90	— 5.20	Red Saunders.....lb.	.16	— .20
Rape Seed.....gal.	1.90	— 2.00	Poke Berries.....lb.	.20	— .22	Rennet, powder.....oz.	—	— .75
Rhodinol.....oz.	—	— 4.00	Root.....lb.	.16	— .20	Resin, common.....lb.	.08	— .10
Rhodium.....oz.	.30	— .40	Powdered.....lb.	.20	— .25	Good, strained, per 280 lbs.....lb.	8.00	— 8.25
Rose, Kissanlik.....oz.	27.50	— 28.00	Poppy Heads.....lb.	.60	— .70	Powdered.....oz.	.12	— .18
Artificial.....oz.	3.50	— 4.00	Seed blue (Maw).....lb.	.65	— .75	Resor-Bisnol.....oz.	—	— 1.00
Rosemary Flowers.....lb.	1.00	— 1.15	White.....lb.	.36	— .38	Resorcin, pure white.....oz.	.90	— .95
Trieste.....lb.	.50	— 1.00	Potassa, Caustic, com.....lb.	1.00	— 1.15	Rhatany Root.....lb.	.20	— .25
Rosin.....gal.	.40	— .76	White sticks.....lb.	2.60	— 3.00	Rhamin (Resinoid).....oz.	—	— 1.00
Rue, pure.....oz.	.50	— .60	Potassium Acetate.....lb.	1.80	— 1.90	Rhodol (developer) 1-lb. bottles	—	—
Sage.....oz.	—	— .40	Arsenate.....oz.	.12	— .15	incl.....lb.	—	—
Salad, Union Oil Co.....gal.	1.60	— 1.65	Arsenite.....oz.	—	— .15	1-oz.....oz.	—	—
Sandalwood, East India.....lb.	14.00	— 14.75	Benzoate.....oz.	.30	— .45	Rhubarb, Canton.....lb.	.55	— .85
West Indian, Amyris Bals.....lb.	11.00	— 11.60	Bicarbonate.....lb.	1.60	— 1.70	Clippings.....lb.	.35	— .45
Sassafras.....lb.	1.40	— 1.55	Bichromate.....lb.	.60	— .65	Powdered.....lb.	.75	— 1.15
Savin.....lb.	7.25	— 7.50	Bisulphate, cryst.....lb.	—	— .80	Rochelle Salt.....lb.	4.15	— .47
Spearmint, pure.....lb.	4.00	— 4.35	C. P.....lb.	1.00	— 1.25	Rodinal (Developer), 16-oz. bot.	—	—
Sperm, winter, bleached.....lb.	1.70	— 1.80	Bisulphite.....lb.	1.60	— 1.80	incl.....lb.	—	—
Spruce.....lb.	.90	— 1.00	Bitartrate (Cream Tartar) pure			3-oz. bottle incl.....ea.	—	— .75
Tansy.....lb.	3.75	— 4.00	and powdered.....lb.	.51	— .55	Rose Leaves, pale.....lb.	.35	— .60
Tar, U.S.P.....gal.	.60	— .70	Borate.....lb.	—	— .90	Red.....lb.	1.65	— 1.75
Thyme, commercial.....lb.	.60	— .70				Rosemary Flowers.....lb.	.70	— .75
Red, No. 1.....lb.	1.55	— 1.65				Leaves.....lb.	.25	— .30
White.....lb.	1.75	— 2.00				Rotten Stone.....lb.	.07	— .10
Whale.....gal.	1.20	— 1.40				Rubidium Bromide.....oz.	—	— 1.76
Wine, Etheral, light.....lb.	4.00	— 4.50				Iodide, 1-oz. v.....ea.	2.00	— 2.25
Heavy, true, f. grapes.....lb.	5.50	— 6.50						
Wintergreen.....lb.	4.75	— 5.00						
Synthetic.....lb.	1.10	— 1.15						
Wormseed, Baltimore.....lb.	8.75	— 9.00						
Wormwood, Amer. good.....lb.	9.25	— 9.50						
Ylang Ylang, true.....oz.	1.50	— 1.75						

New York Jobbers' Prices Current of Drugs and Chemicals

Saccharin .....oz.	— 4.00	Sodium Phosphate, cryst. ....lb.	.14 — .15	Theophorin .....oz.	— — .75
Saffron, Amer. (safflower) ..lb.	.80 — .90	Pure, cryst .....lb.	.10 — .14	Thiosinamine .....lb.	— — —
Spanish, true Valencia ....lb.	12.50 — 13.00	Recrystallized .....lb.	.16 — .17	1-oz. c.v. inc. ....oz.	— 2.00
Sage Leaves .....lb.	.30 — .40	Dried .....lb.	.26 — .28	Thiocarbamide .....oz.	— 1.60
Domestic .....lb.	.50 — .60	Phosphomolybdate .....oz.	.47 — .55	Thiocol .....oz.	— 1.68
Sajodin Tabs .....vial	.75 — .90	Salicylate .....lb.	1.10 — 1.20	Thyme herb .....lb.	.20 — .26
St. John's Bread .....lb.	.12 — .15	From Oil Wintergreen ..lb.	4.25 — 5.00	Thymol .....lb.	22.75 — 23.50
Salicin .....oz.	1.50 — 1.60	Silicate, dry .....lb.	.14 — .16	Iodide, U.S.P. ....lb.	17.60 — 18.50
Saliformin .....oz.	— 1.00	Liquid .....lb.	.08 — .10	Thyroids .....lb.	— 16.00
Salipyrin .....oz.	— .80	Silicofluoride .....oz.	— .15	Tilia Flowers no leaves ..lb.	.55 — .65
Salol .....lb.	2.00 — 2.50	Succinate .....lb.	6.00 — 6.50	With leaves .....lb.	.40 — .50
Salophen .....tube	1.50 — 1.80	Sulphate (Sal. Glauber) ..lb.	.04 — .05	Tin, Chloride, pure .....lb.	1.00 — 1.05
Salopurine .....oz.	— 1.25	Pure cryst. ....lb.	.08 — .12	Oxide, pure .....lb.	.90 — 1.05
Saltpetre (See Pot. Nitrate)		Dry .....lb.	.08 — .12	Toluene .....lb.	— .50
Sandalwood .....lb.	.50 — .55	Sulphide .....lb.	.30 — .35	Tolypyrin .....oz.	— 1.25
Ground .....lb.	.60 — .70	Sulphite, cryst .....lb.	.12 — .17	Tormentilla Root .....lb.	.40 — .50
Sandarac, Gum, clean.....lb.	— 1.00	Pure, dried (Anhydrous) lb.	.24 — .27	Triphenin .....oz.	— .50
Sanguinarin (Resinoid) ....oz.	2.95 — 3.05	Tungstate, 1-lb. c.b. 8 ..lb.	1.00 — 1.60	Tragacanth Aleppo, extra ..lb.	2.90 — 3.00
Santonin .....oz.	— 4.00	Valerate .....oz.	— .75	Aleppo, No. 1 .....lb.	2.65 — 2.75
Sarsaparilla Root, Hon., cut.lb.	.75 — .80	And Potassium Tartrate		Powdered .....lb.	2.45 — 2.85
Mexican cut .....lb.	.65 — .75	(Rochelle Salt) .....lb.	.34 — .44	Turpentine, Chian, gen. ....oz.	.45 — .50
Powdered .....lb.	.75 — .80	Sparte, Sulph. ....oz.	7.50 — 7.75	Venice, true clodpy .....lb.	4.00 — 4.10
Bark .....lb.	.17 — .22	Spearment Leaves, ozs. ....lb.	.34 — .38	Artificial .....lb.	.18 — .20
Sassafras, Pith .....oz.	.15 — .20	Spermaceti, cakes .....lb.	.36 — .38	Turkey Corn Root .....lb.	.20 — .25
Satrapi .....oz.	— .40	Spikenard Root .....lb.	.35 — .40	Turmeric, powdered .....lb.	.60 — .65
Saw Palmetto Berries .....lb.	.25 — .30	Spruce Gum .....lb.	1.50 — 1.65	Urnicorn Root, true .....lb.	.40 — .45
Scammony, Resin .....oz.	.23 — .30	Spirit, Ammonia, U.S.P. ....lb.	.90 — .95	Falsa .....lb.	.40 — .45
Scarlet Red, Biebrich, Med'loz.	— 2.25	Aromatic .....lb.	.85 — .90	Uran, Acetate, 1-oz. g.s.v. 7 oz.	— .40
Scopolamine Hydrobromide, 15		Ether, comp. ....lb.	2.20 — 2.40	1-lb. ....lb.	— 6.00
gr. vial .....ea.	3.50 — 3.75	Nitrous, U.S.P. ....lb.	.85 — .90	Chlor., 1-oz. g.s.v. 7 .....oz.	— .45
Hydrochloride 5 gr. v. ....ea.	.75 — 1.00	Spirits Turpentine .....lb.	.57 — .67	Nitrate, 1-lb. g.s.b. 14 .....lb.	— 9.00
Senecio (Resinoid) .....oz.	— 1.50	Squawvine Root .....lb.	.46 — .58	1-oz. g.s.b. 7 .....oz.	— .50
Senega Root .....lb.	.95 — 1.00	Squill Root, white .....lb.	.20 — .24	Sulph., 1-oz. g.s.v. 7 .....oz.	— .50
Sedilite Mixture .....lb.	.36 — .41	Starch, iodized .....lb.	.50 — .60	Uva Ursi .....lb.	.15 — .20
Senna Leaves Alexandria ....lb.	.95 — 1.00	Stavesacre, seed .....lb.	.20 — .25	Valerian Root, English .....lb.	.85 — .90
Powdered .....lb.	.80 — .85	Stillingia Root .....lb.	.20 — .25	Powdered .....lb.	.95 — 1.00
Tinnevely select .....lb.	.30 — .35	Powdered .....lb.	.26 — .30	Belgian .....lb.	1.30 — 1.40
Senna Pods .....lb.	.25 — .30	Storax, liquid .....lb.	— 7.00	Powdered .....lb.	1.40 — 1.50
Senol Solution 1-lb. bottle..lb.	— —	Stovain, 4-oz. ....doz.	— 9.00	Vanillin .....oz.	1.00 — 1.20
3-oz. ....oz.	— .45	1/2-oz. ....doz.	— 16.00	Veratrine .....oz.	— —
Sepia, True .....lb.	— .70	Stramonium Leaves .....lb.	.35 — .40	Sulphate .....oz.	2.40 — 2.50
Serpentaria (Va. Snake Root)lb.	.60 — .70	Powdered .....lb.	.40 — .45	Veratrum Viride, Root .....lb.	.15 — .20
Silver Chloride .....oz.	1.00 — 1.07	Pressed, ozs. ....lb.	.45 — .50	Vedrigria, pow'd, pure .....lb.	.45 — .50
Silicate .....oz.	1.15 — 1.20	Seed .....lb.	.35 — .40	Veronal .....oz.	— 4.20
Cyanide .....oz.	1.15 — 1.20	Powdered .....lb.	.40 — .45	Tablets, 5 gr. 10's .....tube	— .60
Iodide .....oz.	— 1.19	Srtrium Acetate .....oz.	.10 — .12	100s .....oz.	— 5.00
Lactate .....oz.	— 1.00	Bromide .....lb.	.90 — 1.00	Vervain Root .....lb.	.28 — .35
Nitrate, cryst. ....oz.	.70 — .72	Carbonate .....lb.	.55 — .60	Violet Flowers .....lb.	1.15 — 1.25
Fused .....oz.	.80 — .86	Chloride .....lb.	.40 — .60	Wahoo, Bark of Root .....lb.	.45 — .50
Nucleinate .....oz.	.60 — .65	Iodide .....oz.	.24 — .28	Bark of Tree .....lb.	.25 — .35
Oxide .....oz.	1.20 — 1.30	Lactate .....oz.	.18 — .22	Walnut Leaves .....lb.	.20 — .25
Sinarruba, Bark of Root .....lb.	.70 — .75	Nitrate, dry .....lb.	.33 — .40	Water Pepper .....lb.	.40 — .45
Skullcap Leaves .....lb.	.20 — .24	Granular, C. P. ....lb.	2.75 — 3.00	Wax, Bay .....lb.	.40 — .45
Powdered .....lb.	.28 — .34	Peroxide (Hydrated) ..lb.	1.25 — 1.35	Bees, yellow .....lb.	.55 — .60
Skunk Cabbage .....lb.	.20 — .25	Salicylate .....lb.	2.00 — 2.25	Carnauba, No. 1 .....lb.	.75 — .80
Sulacin (Resinoid) .....oz.	— 3.00	Strophanthus Seed, brown ..lb.	2.30 — 2.50	Japan .....lb.	.30 — .35
Snakeroot, Canada .....lb.	.35 — .45	Powdered .....lb.	2.35 — 2.50	White Hellebore, Root .....lb.	.35 — .40
Soap, Castile, green .....lb.	.20 — .22	Strychnine, Acetate, 1/4th oz. ....oz.	2.25 — 2.38	Powdered .....lb.	.26 — .30
Mottled genuine .....lb.	.20 — .22	Alk., pow'd., 1/4th-oz. v. ....oz.	2.10 — 2.15	White Pine Bark .....lb.	.15 — .20
White Cont's .....lb.	.40 — .45	Arsenate .....oz.	2.15 — 2.35	Whiting .....lb.	.15 — .20
Soft, green .....lb.	.20 — .25	Arsenite .....oz.	2.35 — 2.50	Wild Cherry Bark .....lb.	.12 — .16
Soap, Castile, green .....lb.	.30 — .35	Glycerophosphate, 1/2-oz. v. oz.	— 3.35	Ground .....lb.	.14 — .18
Soft, green .....lb.	.20 — .25	Hypophosphite .....oz.	— 2.75	Willow Bark, black .....lb.	— .18
Powdered .....lb.	.25 — .30	Nitrate, 1/4th oz. v. ....oz.	— 2.35	White .....lb.	— .25
Soap, Castile, green .....lb.	.30 — .35	Phosphate .....oz.	— 2.35	Wintergreen Leaves .....lb.	.20 — .25
Soda, Caustic, purified, fused lb.	.45 — .50	Sulphate, 1/4th oz. v. ....oz.	— 1.85	Winter's Bark .....lb.	.65 — .75
Caustic, pure (by alcohol) stks	.80 — .85	Sublimed, S. & G. ....oz.	— .50	Witch Hazel, Extract double	
Sodium, Acetate .....lb.	.20 — .25	Sugar of Milk, powdered ..lb.	.46 — .50	Distilled .....gal.	1.50 — 1.75
Arsenate, pure .....lb.	.70 — .75	1-lb. cartons .....lb.	.57 — .62	Barrels .....gal.	1.25 — 1.35
Bicarbonate .....lb.	3.00 — 3.25	Sulfonal, Bayer .....oz.	— 1.35	Witch Hazel Leaves .....lb.	.15 — .20
Bichromate .....lb.	.35 — .40	L. & F. ....oz.	— 1.00	Wormseed (Chenopodium) ..lb.	.20 — .22
C. P., powdered .....oz.	.08 — .10	Sulphonmethane, U. S. P. ....oz.	1.00 — 1.06	Levant (Santonica) .....lb.	.85 — .90
Bitartrate .....lb.	.80 — .90	Sulphonethylmeth, U. S. P. oz.	1.25 — 1.35	Wormwood Herb .....lb.	.25 — .30
Bromide .....lb.	.60 — .65	Sulphothiol .....lb.	1.50 — 1.60	Xeroform .....lb.	— 1.50
Calcodylate, 1 oz. ....ea.	2.25 — 2.50	Sulphur Chloride .....lb.	— .50	Yellow Dock Root .....lb.	.18 — .22
Carbon (Sal Soda) .....oz.	.0254 — .04	Flowers .....lb.	.09 — .11	Zinc, Acetate, 1-lb. bots. ....lb.	.55 — .63
C. P., cryst., U. S. P. ....lb.	.13 — .19	Iodide .....oz.	.28 — .32	Benzoate .....oz.	.90 — 1.00
Dried purified .....lb.	.16 — .18	Lac. precipitated .....lb.	.70 — .80	Bromide .....lb.	.20 — .25
Granulated .....lb.	.0254 — .04	Roll .....lb.	.07 — .08	Chloride, fused .....lb.	.90 — 1.00
Chlorate .....lb.	.55 — .63	Washed .....lb.	.11 — .13	Granulated .....lb.	.50 — .60
Chloride, C. P. ....lb.	.15 — .18	Sumac bark .....lb.	.12 — .16	Iodide .....oz.	.28 — .32
Cinnamate .....oz.	.60 — .70	Summer Savory Leaves .....lb.	.35 — .40	Metallic C. P. ....lb.	.45 — .90
Citrate .....lb.	.80 — .85	Sunflower Seeds .....lb.	.08 — .14	Gran., free from As. ....lb.	.60 — 1.00
Cyanide .....lb.	.40 — .55	Talcum powder .....lb.	.064 — .09	Hypophosphite .....oz.	.30 — .35
Glycerophosphate, 75 p.c. ....oz.	.18 — .22	Purified .....lb.	.16 — .20	Lactophosphate .....oz.	— .55
Hypophosphite .....lb.	2.00 — 2.15	Tamarinds .....kegs	4.25 — 4.50	Oxide, American .....lb.	1.00 — 1.05
Hyposulphite, cryst. ....lb.	.04 — .06	Tannalbin .....oz.	— .35	Eng. Hubbuck's .....lb.	.340 — 3.60
Kegs, 112 lbs. ....oz.	.0254 — .03	Tannoforn .....oz.	— .42	Peroxide .....lb.	— .25
Granular .....lb.	.0254 — .06	Tar, Barbadoes .....gal.	1.00 — 1.10	Phenate .....oz.	— .25
Iodide (oz. 40-45) .....lb.	4.75 — 5.00	No. Carolina, pt. cans ....doz.	— 1.25	Phenolsulphonate .....lb.	.80 — .90
Lactophosphate .....oz.	.20 — .25	Tartar Emetic .....lb.	.85 — .90	Permanganate .....oz.	— .45
Metabisulphite, 1-lb. c.b. 9 lb.	— .70	Terebene (Optic. inact.) ..lb.	— .75	Phosphate .....lb.	1.25 — 1.40
Nitrate .....lb.	.17 — .30	Terpinol Hydrate, 1-lb. car ..lb.	.60 — .65	Phosphide .....oz.	.30 — .40
Nitrite .....lb.	— .90	Terpinol .....lb.	.95 — 1.05	Salicylate .....oz.	— .65
Oxalate .....lb.	1.35 — 1.50	Thallium Acetate, 15 gr. v. ea	— .35	Stearate .....lb.	.08 — .10
Perborate .....lb.	.55 — .60	Thaline sulphate .....oz.	7.50 — 8.00	Sulphate, crystals .....lb.	.21 — .25
Permanganate .....lb.	.55 — .65	Theobromine .....oz.	— 2.00	C. P. ....lb.	— 13.00
Phenolsulphonate .....lb.	.95 — 1.05	Theocin .....oz.	— 2.70	Valerate .....oz.	— 1.00

Imports and Exports of Drugs and Chemicals, Dyestuffs, Etc.

Imports from Nov. 10 to 17—Exports for month of September

Imports

ACID, OXALIC—
34,230 pounds
ARGOLS—
954,750 pounds
267,733 pounds
AMMONIUM CARBONATE—
214,788 pounds
33,780 pounds
BEANS—
1,258 bushels castor
44,900 bushels castor
6,647 pounds vanilla
2,100 pounds tonka
BERRIES—
7,830 pounds cubeb
BISMUTH—
2,882 pounds
CASEIN—
537,900 pounds
47,150 pounds
65,500 pounds
CHEMICAL PREPARATIONS—
400 pounds
DYES AND DYESTUFFS—
1,067 pounds gambier
278,002 pounds natural indigo
5,700 pounds cochineal
2,000 pounds dragon's blood
100,000 pounds gambier
102,360 pounds gambier
45,000 pounds indigo
DYEWOODS—
151 tons
59 tons
ESSENTIAL OILS—
20,600 pounds lemon
900 pounds various
28,950 pounds lemon
4,200 pounds orange
FLOWERS—
2,630 pounds arnica
700 pounds various
396 pounds saffron
GLYCERIN, CRUDE—
29,908 pounds
45,900 pounds
GUMS—
112 pounds chicle
14,000 pounds chicle
12,740 pounds arabic
3,250 pounds gamboge
218,000 pounds grass tree
IRON OXIDE—
24,960 pounds
LACTARINE—
189,842 pounds
14,329 pounds
LEECHES—
1,380 pounds bloodsuckers
LEAVES—
1,000 pounds chiretta
800 pounds euphorbia pilulifera
4,500 pounds belladonna
LIME CITRATE—
267,980 pounds
86,150 pounds

MEDICINAL & MISCELLANEOUS DRUG PREPARATIONS—
1,200 pounds drugs
1,300 pounds drugs
200 pounds medicines
MERCURY—
1,050 pounds
NUX VOMICA—
27,655 pounds
OILS—
2,250 gallons creosote
10,758 pounds fusel
221 gallons peanut
27,414 pounds castor
700 tons, in bulk, coconut
102,500 gallons cod
1,550 gallons codliver
300 pounds linole
7,500 gallons whale oil
POTASSIUM CARBONATE—
65,454 pounds
POTASSIUM PRUSSATE—
500 pounds, red
1,000 pounds, yellow
POTASSIUM SALTS—
96,148 pounds
2,240 pounds
QUEBRACHO—
7,742,334 pounds
QUININE—
45,000 ounces, Dutch East Indies
ROOTS—
33,340 pounds senna
11,400 pounds saraparilla
2,500 pounds marshmallow
2,000 pounds various
1,240,000 pounds licorice
1,000 pounds squill
SEEDS—
13,300 pounds anise
16,830 pounds poppy
67,200 pounds poppy
99,000 pounds poppy
SODIUM NITRATE—
500 pounds
SPICES—
317,747 pounds cassia
TARTAR, CRUDE—
299,284 pounds
123,725 pounds
WAX—
2,173 pounds, bees
73,956 pounds bees
4,600 pounds carnauba

ALCOHOL—
10 gallons, British West Indies
20 gallons, Hayti
ALCOHOL, WOOD—
500 gallons, Chile
CALCIUM CARBIDE—
3,920 pounds, Barbados
10,140 pounds, Jamaica
63,400 pounds, Trinidad
409 pounds, British West Indies
3,032,605 pounds, Cuba
COPPER SULPHATE—
115 pounds, Trinidad
1,800 pounds, Cuba
56,138 pounds, Brazil
43,895 pounds, Chile
FORMALDEHYDE—
62 pounds, Hayti
\$68. San Domingo
\$380, Brazil
GLUCOSE—
93,785 pounds, Brazil
34,504 pounds, Chile
4,068 pounds, British Guiana
GLYCERIN—
100 pounds, Trinidad
30 pounds, Hayti
300 pounds, San Domingo
1,200 pounds, Brazil
LIME CHLORIDE—
1,000 pounds, Mexico
28,464 pounds, Cuba
POTASSIUM, CHLORATE—
13,440 pounds, Argentina
35,365 pounds, Brazil
8,960 pounds, Chile
SODA, ASH—
12,186 pounds, St. Pierre
358,545 pounds, Cuba
2,973 pounds, San Domingo
1,949,259 pounds, Argentina
190,308 pounds, Brazil
SODA CAUSTIC—
284,991 pounds, Cuba
618 pounds, French West Indies
6,950 pounds, San Domingo
330,634 pounds, Argentina
1,158,917 pounds, Brazil
298,228 pounds, Chile
SODA, SAL—
375 pounds, Virgin Islands
87,980 pounds, Uruguay
13,125 pounds, British Guiana
28,125 pounds, Chile
SODIUM SILICATE—
179,981 pounds, Cuba
152,266 pounds, Argentina
7,059 pounds, Peru
SPONGES—
49 pounds, Venezuela
9,051 pounds, China
SULPHUR, CRUDE—
21 tons, Brazil
82 tons, British Guiana
ZINC OXIDE—
300 pounds, Newfoundland
19,550 pounds, Cuba
656 pounds, Dutch West Indies
5,000 pounds, French West Indies

Exports

ACID, CARBOLIC—
220 pounds, Argentina
458 pounds, Brazil
ACID, NITRIC—
4,557 pounds, Colombia
ACID, PICRIC—
23 pounds, Cuba
ACID, SULPHURIC—
66,897 pounds, Trinidad
57,516 pounds, Cuba
12,946 pounds, French West Indies
4,400 pounds, Hayti

MARKET FOR SEEDS

H. P. Herrfeldt & Co., says of seeds and herbs: All grades of mustard seed have been in very good demand and further lots of English yellow have found their way into consumption. Celery and coriander seed remain unchanged. Stocks of practically everything in the herb line are at a minimum and prices now reflect this condition.

The Charlotte Drug Company, of Charlotte, Mich., says: Owing to scarcity and already advancing prices, we look for much higher prices on all American botanicals that have been sold at 8c to 9c and under for the last three to four years, as it has been absolutely impossible to stimulate the collection of these cheaper articles. The various articles that have already started to advance are lobelia herb, boneset, etc. The other articles that will be selling at much higher prices, than in the past

that were of second importance are, sassafras root, corn silk, grindelia robusta, yerba santa, damiana leaves, squaw vine, tansy, wormseed, witch hazel leaves, elecampane, gelsemium root.

In their weekly review of the market for seeds and herbs John Clarke & Co. say: "There is active and broad absorption of mustards of all kinds, or of the very few kinds, let us rather say, that still exist here. It is difficult to imagine whence the needed totals are to come for American needs for the next few months. Herbs are all scarce and difficult to obtain in all markets. Most of the other seeds are exceedingly scarce and in fair demand. The whole group is likely to be rather violently unsettled this winter, but indeed this is now the usual thing, and abnormality has become normal and is the rule and not the exception."

NEW INCORPORATIONS

National Vanilla Co., Rochester, N. Y., capital \$25,000. W. E. Schott, W. D. and R. C. Hall, Rochester, N. Y.

Zavon, Inc., Manhattan; capital \$5,000. Soap, solvents and disinfectants. C. L. Fischer, E. C. Steward, G. M. Henderson, 200 West 89th street, New York City.

National Aniline & Chemical Co., Jersey City, N. J., capital \$18,959,500. I. F. Stone, W. W. McIlray, W. Beckers, all of New York.

Fore Chemical Works, Jersey City, N. J., capital \$497,000. M. W. Alexander, R. E. Breed, U. M. Fleischman, all of Wilmington, Del.

Pittsburg Pharmacal Company, Wilmington, Del., capital \$100,000. Retail and wholesale drugs. Artemus Smith, Martin E. Smith, T. Morley Smith, all of Wilmington, Del.

Community Chemical Company, Dover, Del., capital \$5,000. To manufacture, handle mops, brushes, etc., L. B. Phillips, J. B. Bailey, of Dover, Del.

The Nema Chemical Laboratories, Inc., Manhattan, capital \$100,000. Chemists, druggists; manufacture a fluid for treatment of tuberculosis infections. C. S. Strevem, L. Scelfo, E. Sivelli, 165 Broadway, New York City.

Smithers Chemical Co., St. Louis, Mo., capital \$10,000. John H. Smithers, W. R. Joyes, F. E. Walsh, John L. Brandt and Stanley F. Archner.

Lyster Bros., Manhattan; capital \$50,000. Drugs, chemicals and foodstuffs. H. W., M. J. and B. R. Lyster, New Rochelle, N. Y.

The Viburno Company, Incorporated, Manhattan; capital \$2,500. Chemists, druggists. William H. Yadeau, John Schoenegan, Stephen J. Heagan.

The Milkapepsin Company, Fort Wayne, Ind. Capital \$50,000. To manufacture chemicals. James M. Morrison, Oscar M. Foellinger and Herbert L. Somers.

Overland Chemical Company, Lynn, Mass., capital \$100,000. L. M. Kennedy and Thomas Sassa, of Boston; James J. Gaffney, Danvers, Mass.

Stratford Chemical Works, Manhattan; capital \$250,000. Z. Burns, S. Weitzenbluen of New York and W. A. Keener, of Newark, N. J.

Electrosynth Chemical Company, Manhattan, capital \$5,000. Chemicals and drugs. Henry Abrams, Max Abrahams and J. M. Winster.

Peper Bros., Inc., Brooklyn, N. Y., capital \$35,400. Chemicals dyes and paints. G. and W. and J. W. Peper, 321 Caton Ave., Brooklyn, N. Y.

Markleed Chemical Corp., Manhattan; capital \$220,000. L. H. Marks, H. M. Wise, H. C. Aron, 55 West 10th street, New York City.

Miner-Edge Co., Newark, N. J., capital \$100,000. Chemicals and minerals. Henry M. Miner, James C. Thornton and N. M. Goodlet, Jr., all of Newark, N. J.

Purissol Products Corp., Manhattan; capital \$100,000. Soaps, perfumes and cleaning fluid. H. Waterson, T. F. MacMahon, B. C. Elliott, 1400 Broadway, New York City.

United States Potash Products Co., Dover, Del. capital \$5,500,000. F. T. Connet, White Plains, N. J., J. F. Roach, C. E. Bahn, of New York.

AGRICULTURAL CHEMISTS MEET

The Association of Official Agricultural Chemists met in Washington on Monday and Tuesday of this week. Papers were read as follows:

"Food Definitions," William Frear, State College, Pa.; "Vegetation Tests on the Availability of Phosphoric Acid in Basic Slag," C. B. Williams, West Raleigh, N. C.; "Nitrogen," H. D. Haskins, Amherst, Mass.; "Special Study of the Kjeldahl Method," I. K. Phelps, Washington, D. C.; "Potash," T. D. Jarrell, College Park, Md.; "Water," J. W. Sale, Washington, D. C.; "Soils," C. B.

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Two sessions were devoted to special discussions of the following topics: Saccharine products, food preservatives, coloring matters in foods, metals in foods, fruits and fruit products, canned vegetables, cereal foods, wines, soft drinks (bottlers' products), distiller liquors, beers, vinegars, flavoring extracts, meat and meat products, meat extracts, edible fats and oils, spices and other condiments, cacao products, coffee, tea and baking powder.

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Bridge Plaza
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The great industrial growth about the metropolitan area of New York has brought many new concerns to this section; particularly where acreage is required there has been a great influx to the property bordering the Passaic & Hackensack Rivers where the advantage of both railroad sidings and water facilities are ideal, a great many large chemical concerns locating there recently.

A new section of property aggregating several hundred acres has just been opened up at Fairview, adjoining the large soap works of B. T. Babbitt & Company, with a frontage of about 10,000 feet on the Hackensack River, bordered by the West Shore & Erie & Susquehanna Railroads. Messrs. Wm. D. Bloodgood & Co., Inc., have been appointed the selling agents for this property.

TRADE NOTES AND PERSONALS

Aniline dyes valued at \$261,454 cleared from New York during September for various foreign countries.

Exports of camphor from Japan during the seven months ended July 31, amounted to 2,005,030 kin, against 3,175,361 in the same time last year.

The Baker Extract Company, Springfield, Mass., has been chartered with a capital of \$150,000, to manufacture flavoring extracts, essences, proprietary articles and chemicals.

A London trade paper says that the scarcity of rape oil is now more acute, and the full maximum prices are readily paid by consumers where parcels are at all obtainable.

The extract plant of the Union Tanning Company, at Narrows, Va., was destroyed by fire on November 19. The fire, believed to be of incendiary origin, caused a loss of \$200,000.

Peper Bros., Inc., of Brooklyn, chemicals, dyes and paints, has been incorporated under the laws of New York with a capital of \$35,400. Incorporators: G. and W. and J. W. Peper, No. 321 Caton avenue, Brooklyn.

The imports of quicksilver into London in September, amounted to 1,259 bottles, comparing with 543 bottles for September a year ago. The total imports for nine months to September were 23,952 bottles, or a monthly average of 2,660 bottles.

The Miner-Edgar Company of Newark, chemicals, minerals, etc., has been incorporated under the laws of New Jersey with a capital stock of \$100,000. Incorporators: Henry M. Miner, James C. Thornton and N. M. Goodlet, Jr., all of Newark.

The Markleed Chemicals Corp., Manhattan, has been incorporated with 3,000 shares preferred stock \$100 each, 4,000 shares common no par value, active capital \$220,000. Incorporators: L. H. Marks, H. M. Wise, H. C. Aron, 55 West 10th street.

Cable advices were received to the effect that the Spanish Government has extended the embargo on exports of olive oil to February 1 and will extend it still further should it be found necessary in order to give its home trade a chance to cover requirements.

Eimer & Amend have bought a Newark factory which they will use for the manufacture of pharmaceutical drugs and chemicals. The building will be altered for the use of the firm, which will take possession at once. The Melrose Company sold the property to Eimer & Amend.

The Society of Chemical Industry, New York Section, will hold a meeting at Rumford Hall, 50 East 41st street, on Friday evening, Nov. 23. Papers will be read by R. S. Weston, Boston, on "Disposal of Wool Scouring Wastes," and by E. D. Boyer, New York, on "Manufacture and Uses of Portland Cement."

Consul John P. Bray has transmitted a clipping from the Johannesburg *Star* of August 22, wherein reference is made to the discovery of talc in the Verdite Mines, situated near Barberton, in the Transvaal Province South Africa. The deposit is said to be superior in quality and almost inexhaustible in quantity.

A coke plant that will cost \$10,000,000 and will give employment to 1,200 men will be erected at East St. Louis by the American Coke & Chemical Company of Chicago. The St. Louis Coke & Chemical Company, a subsidiary of the American Coke & Chemical Company, will build the plant on a location not yet selected. W. G. McGuire, secretary of the St. Louis company, says his company will undertake an innovation in the way of coking Illinois coal.

Contracts for constructing and equipping the sulphuric acid plant which Swift & Co. of Chicago are to add to their fertilizer factory at Harvey, near New Orleans, have been awarded. The new factory will supply the company's fertilizer plant with sulphuric acid which heretofore was purchased in the open market. Its daily capacity will be 60 tons of acid, and it is understood that the buildings, with machinery and other accompanying equipment will represent an investment of \$250,000.

ITALY'S CHEMICAL FIGHT WITH GERMANY

Since Italy entered the war in May, 1915, the feeling in that country against future trading with Germany has become very marked. This is especially true with regard to chemical and pharmaceutical products. Before the war German manufacturers practically controlled the Italian market, but when relations were severed with Germany, Italy began laying the foundations for its new chemical industry and the manufacture of pharmaceuticals on a small scale.

If, after the conclusion of peace, the old relations with Germany are resumed, it is readily seen that the infant Italian chemical industry will be short-lived. Without a strong protective tariff, German firms will flood the Italian market with their goods and crush all competition. The Government of Italy has undoubtedly foreseen this probable condition and has taken steps to rearrange all commercial treaties at the end of this year with the idea of formulating a new schedule of import tariffs.

The development which has taken place in the chemical industry in Italy during the war has practically all been the result of urgent necessity. Italy was thrown on her own resources and it was a case of quick development or perish; she appears to have succeeded very well. It is reported that 170 million lire (\$35,000,000) is invested in the chemical industry in Italy to-day and that one-third is given over to the manufacture of pharmaceuticals, one-fourth to electro-chemicals and the balance to fertilizing chemicals.

Before the war, Germany sold in the Italian market about \$125,000,000 worth of manufactured products a year, and she has no intention of losing the market. Already her agents are booking orders secretly for delivery at the conclusion of peace and if the infant industries of Italy are not protected from the first great rush of German goods into the country, they will be annihilated. The Italian Government has taken the warning and is now working out a tariff plan.

MANUFACTURE OF WINTERGREEN OIL

The Indian Government *Trade Journal* says of the manufacture of wintergreen oil in India:

The distillation of *Gaultheria* oil presents certain difficulties. By ordinary steam distillation the writer had little success. The notes made by him as to the best method of distillation are, briefly, as follows: Entire branches of *Gaultheria* should be taken for distillation, as it does not pay to separate the leaves from the stalks. The *Gaultheria* branches should be chopped fine before putting them in the still. The still should be provided with a closed coil inside it for maintaining and increasing the heat. This may be done by admitting steam at about 80 pounds pressure. The pressure in the boiler should be kept uniformly at 70 to 80 pounds. It takes about 6 hours for a charge to distil over. The catch still will render the oil almost colorless, requiring no further rectification. The most economical scale of work will be to take about 1 ton per charge. If it be not possible to set up a steam distillation plant (which is by far the most economical arrangement), crude distillation is advocated in 200 to 400 gallon whisky stills. The latter size gives better results than the former unless the steam is used at high pressure. The oil, being heavier than water, settles at the bottom of the Florentine receiver and not on the top, as is generally the case.

The distillation of wintergreen oil promises to be a profitable industry in Assam, provided adequate arrangements are made to cultivate the plant, in order to obtain a constant and sufficient supply of leaves.

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